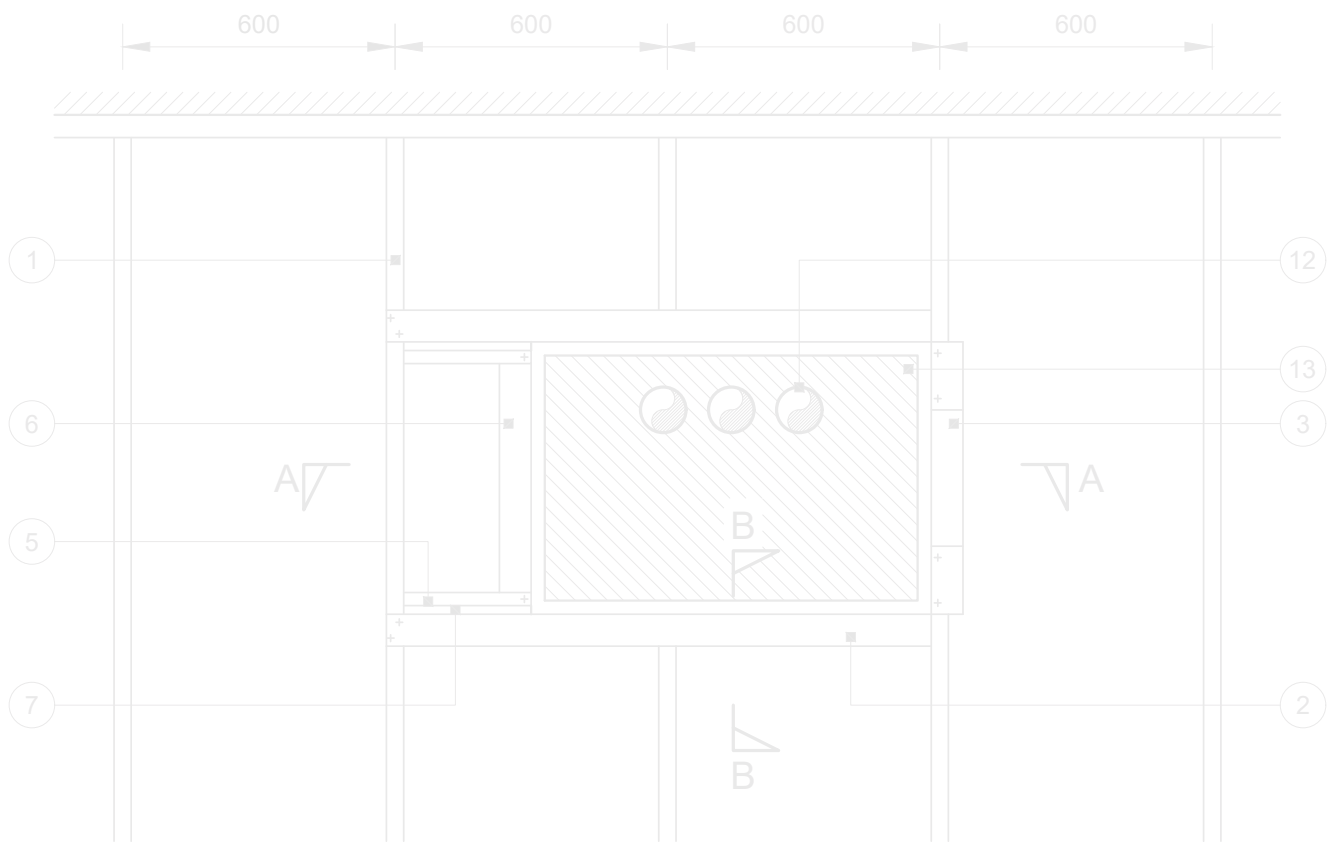


Gyproc®
Firestopping

Standard Details Guide v1



11 May 2026
BPG005

Technical Support Team

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- 2 Introduction to Firestopping
- 4 How to use this guide
- 5 Best practice guide
- 6 GypWall partitions
- 18 Core hole solutions
- 88 Gyproc Fire Batt solutions
- 164 Gyproc Fire Mortar solutions
- 202 Glossary of terms
- 203 Revisions

- 1 Saint-Gobain fully endorses early engagement and collaboration between designers, contractors, manufacturers and passive fire protection specialists to ensure the correct specification, design and compliance of passive fire protection systems. Designers should seek guidance from industry, for example ASFP Advisory Note 28*.
- 2 Saint-Gobain does not permit the mixing of fire protection systems or products from different manufacturers. Designers should seek guidance from industry, for example ASFP Advisory Note 6* for further guidance. All Saint-Gobain products must be installed strictly in accordance with the relevant installation guidance, product datasheet and within the field of application stated in the standard detail and third-party certification documents (refer to UKTA's).
- 3 For maximum aperture sizes and aperture separation distances within GypWall partitions please refer to: **Best practice guidance - Openings within fire-rated systems.**

The width of an opening is limited to the partial removal of a single Gypframe stud for partition systems with an overall width of 75 mm or more, and MEDIUM or HEAVY duty rating. Or the partial removal of maximum three Gypframe studs for partition systems 100 mm wide or more, and SEVERE duty rating. The maximum opening width for any GypWall Shaft system is 1800 mm. The opening is measured from inside faces of the opening.

Where multiple penetrations occur in a partition, consideration should be given to the structural integrity of the system. Openings wider than 600 mm (i.e. preventing a single full height Gypframe stud) should be no closer than 300 mm between openings. Where multiple wider openings occur (i.e. preventing up to three full height Gypframe studs) these should be no closer than 600 mm.

The minimum distance between openings when one above another, or side by side when no full height Gypframe stud is affected is 200 mm.

Please refer to the subsequent pages for further details.

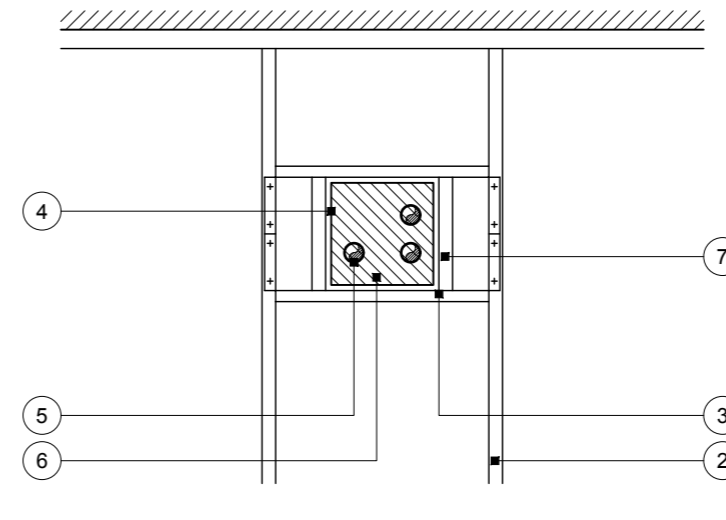
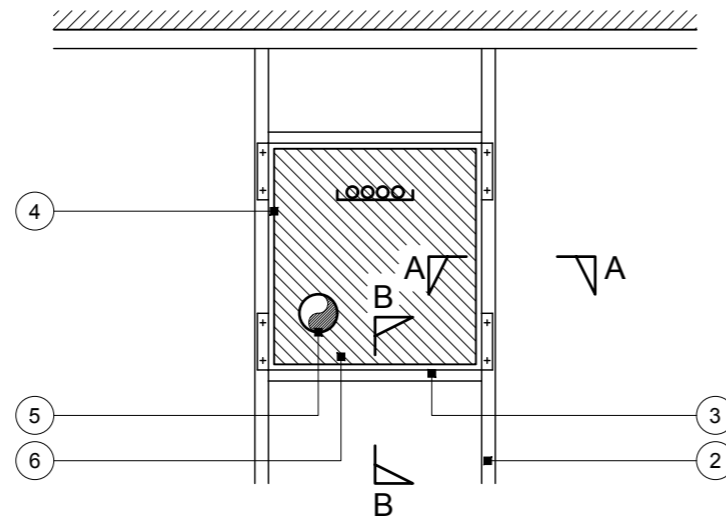
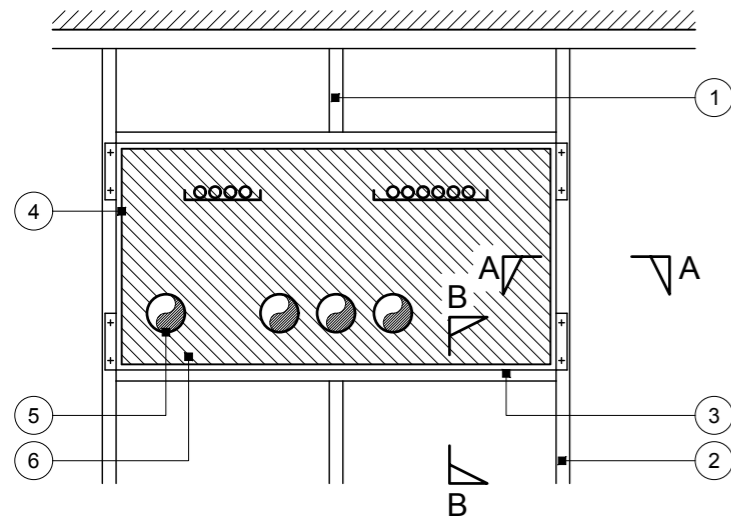
- 4 For further guidance on the interchangeability of drywall supporting constructions in relation to penetration seals, designers should seek guidance from industry, for example ASFP Advisory Note 15*.
- 5 The design and installation of service supports must reflect the maximum offsets defined in the relevant product certification documents (refer to UKTA's). Designers should seek guidance from industry, for example ASFP Advisory Note 8*.
- 6 Mechanical service designers and installers are advised to ensure that flanges, valves and/or fittings are not within a 500 mm zone either side of a compartment wall or floor. Designers should seek guidance from industry, for example ASFP Advisory Note 28*.
- 7 Requirements for separation between penetrating services and aperture edge separation distances are stated within the Gyproc Firestopping details. Where no dimension is indicated, a minimum separation of 100 mm applies, in accordance with BS EN 1366-3:2021.
- 8 This guidance document does not provide solutions for fire and/or smoke dampers or ductwork penetrations in compartment walls and floors. Please refer to the relevant manufacturer's classification documents and installation guidelines.

* <https://asfp.org.uk/>

GypWall partitions and systems

- 8 Detail 1 – GypWall partitions 75 mm or more overall thickness
- 10 Detail 2 – GypWall partitions 100 mm or more overall thickness and Severe Duty Rated
- 12 Detail 3 – GypWall systems
- 14 Detail 4 – GypWall partitions 100 mm or more overall thickness and Severe Duty Rated
- 16 Detail 5 – GypWall systems – services above a door

Detail 1 – GypWall partitions 75 mm or more overall thickness
Small, medium and large openings for services



- 1 Gypframe studs at specified centres
- 2 Gypframe stud at jamb
- 3 Gypframe Folded Edge Standard Floor & Ceiling Channel cut and bent to extend 150 mm up/down studs and fixed through both flanges with two suitable British Gypsum wafer head screws
- 4 Opening lined with same board as partition (best practice) with screws at 200 mm centres.
- 5 Indicative services independently supported
- 6 Gyproc firestopping
- 7 Short length of Gypframe 'C' Stud or channel with ends tabbed, bent and fixed to channels top and bottom using two suitable British Gypsum wafer head screws
- 8 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300 mm centres (200 mm centres at external angles)

Large opening elevation (1:20)

One stud interrupted by opening
See Table 1 for clear opening widths

Medium opening elevation (1:20)

Between full height studs
See Table 2 for clear opening widths

Small opening elevation (1:20)

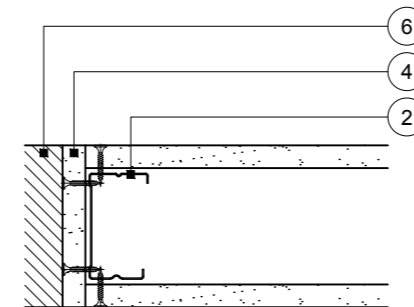
Transoms supported by full height studs
Opening width subject to service penetration size

**TABLE 1: MAXIMUM CLEAR OPENING WIDTHS
ONE STUD INTERRUPTED BY OPENING**

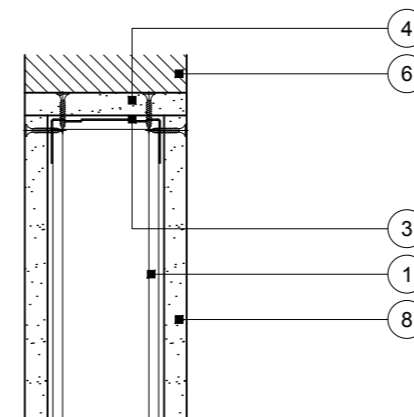
STUD TYPE	REVEAL LINING (mm)	CLEAR OPENING WIDTH (mm)		
		STUD CENTRES (mm)		
		600	400	300
'C'	Unlined	1161	761	561
	1 x 12.5	1136	736	536
	1 x 15	1131	731	531
	2 x 12.5	1111	711	511
	2 x 15	1101	701	501
	3 x 15	1071	671	471
'I'	Unlined	1162	762	562
	1 x 12.5	1137	737	537
	1 x 15	1132	732	532
	2 x 12.5	1112	712	512
	2 x 15	1102	702	502
	3 x 15	1072	672	472
AcouStud	Unlined	1156	756	556
	1 x 12.5	1131	731	531
	1 x 15	1126	726	526
	2 x 12.5	1106	706	506
	2 x 15	1096	696	496
	3 x 15	1066	666	466

**TABLE 2: MAXIMUM CLEAR OPENING WIDTHS
BETWEEN FULL HEIGHT STUDS**

STUD TYPE	REVEAL LINING (mm)	CLEAR OPENING WIDTH (mm)		
		STUD CENTRES (mm)		
		600	400	300
'C'	Unlined	561	361	261
	1 x 12.5	536	336	236
	1 x 15	531	331	231
	2 x 12.5	511	311	211
	2 x 15	501	301	201
	3 x 15	471	271	171
'I'	Unlined	562	362	262
	1 x 12.5	537	337	237
	1 x 15	532	332	232
	2 x 12.5	512	312	212
	2 x 15	502	302	202
	3 x 15	472	272	172
AcouStud	Unlined	556	356	256
	1 x 12.5	531	331	231
	1 x 15	526	326	226
	2 x 12.5	506	306	206
	2 x 15	496	296	196
	3 x 15	466	266	166



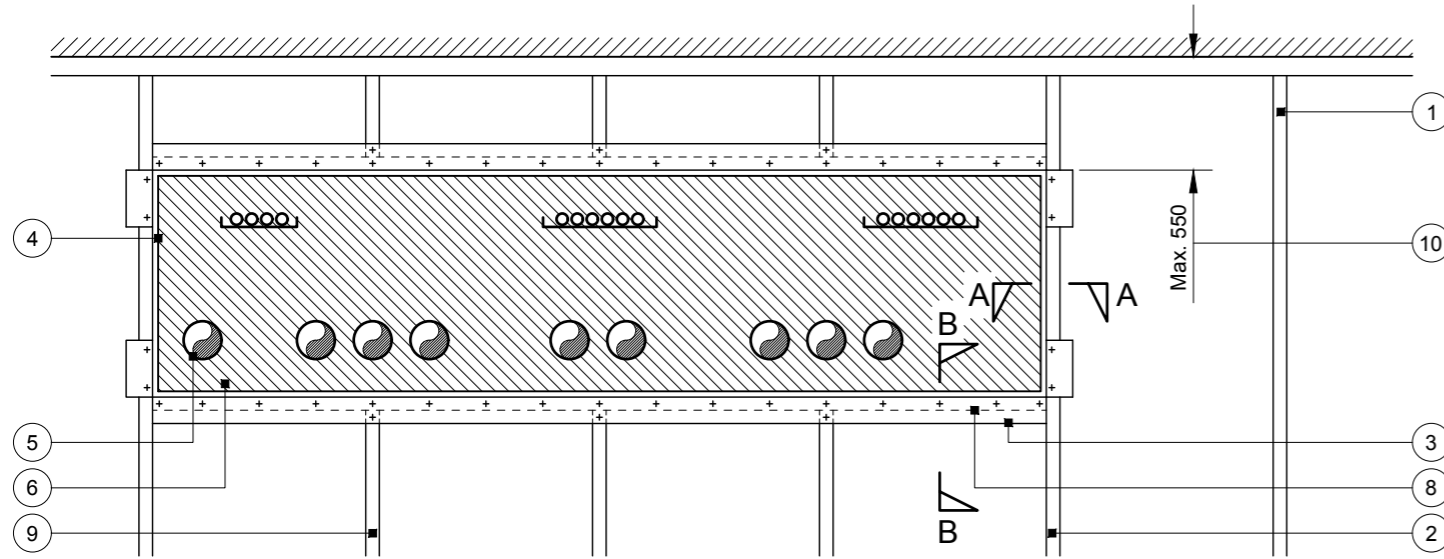
Plan A-A (1:5)



Section B-B (1:5)

Openings for services

Detail 2 – GypWall partitions 100 mm or more overall thickness
and Severe Duty Rated
Extra large openings for services



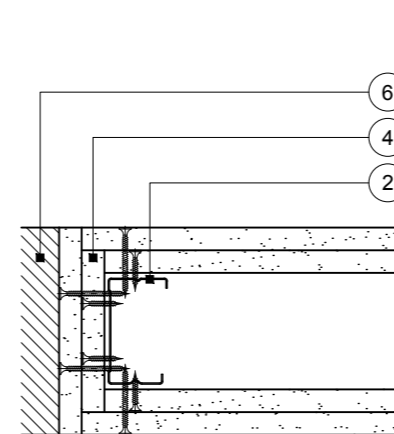
- 1 Gypframe studs at specified centres
- 2 Gypframe 'C' Stud at jamb
- 3 Gypframe Extra Deep Flange Floor & Ceiling Channel cut and bent to extend 150 mm up/down studs and fixed through both flanges with two suitable British Gypsum wafer head screws
- 4 Opening lined with same board as partition (best practice) with screws at 200 mm centres.
- 5 Indicative services independently supported
- 6 Gyproc firestopping
- 7 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300 mm centres (200 mm centres at external angles)
- 8 Gypframe 'C' Stud inserted into channel and fixed through both flanges with suitable British Gypsum wafer head screws at 150 mm centres
- 9 Gypframe studs at specified centres fixed to transom/cill channel through both flanges with suitable British Gypsum wafer head screws
- 10 Maximum 550 mm partition height above extra large opening. The minimum partition height is 300 mm. Alternatively refer to three sided opening on Detail 11

Extra large opening elevation (1:20)

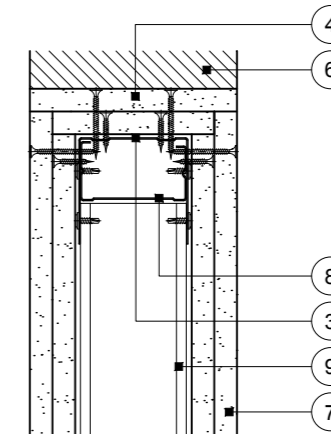
Three studs interrupted by opening
See Table 1 for clear opening widths

**TABLE 1: MAXIMUM CLEAR OPENING WIDTHS
THREE STUDS INTERRUPTED BY OPENING**

STUD TYPE	REVEAL LINING (mm)	CLEAR OPENING WIDTH (mm)		
		STUD CENTRES (mm)		
		600	400	300
'C'	Unlined	2361	1561	1161
	1 x 15	2331	1531	1131
	2 x 12.5	2311	1511	1111
	2 x 15	2301	1501	1101
	3 x 15	2271	1471	1071
'I'	Unlined	2362	1562	1162
	1 x 15	2332	1532	1132
	2 x 12.5	2212	1512	1112
	2 x 15	2302	1502	1102
	3 x 15	2272	1472	1072
AcouStud	Unlined	2356	1556	1156
	1 x 15	2326	1526	1126
	2 x 12.5	2306	1506	1106
	2 x 15	2296	1496	1096
	3 x 15	2266	1466	1066

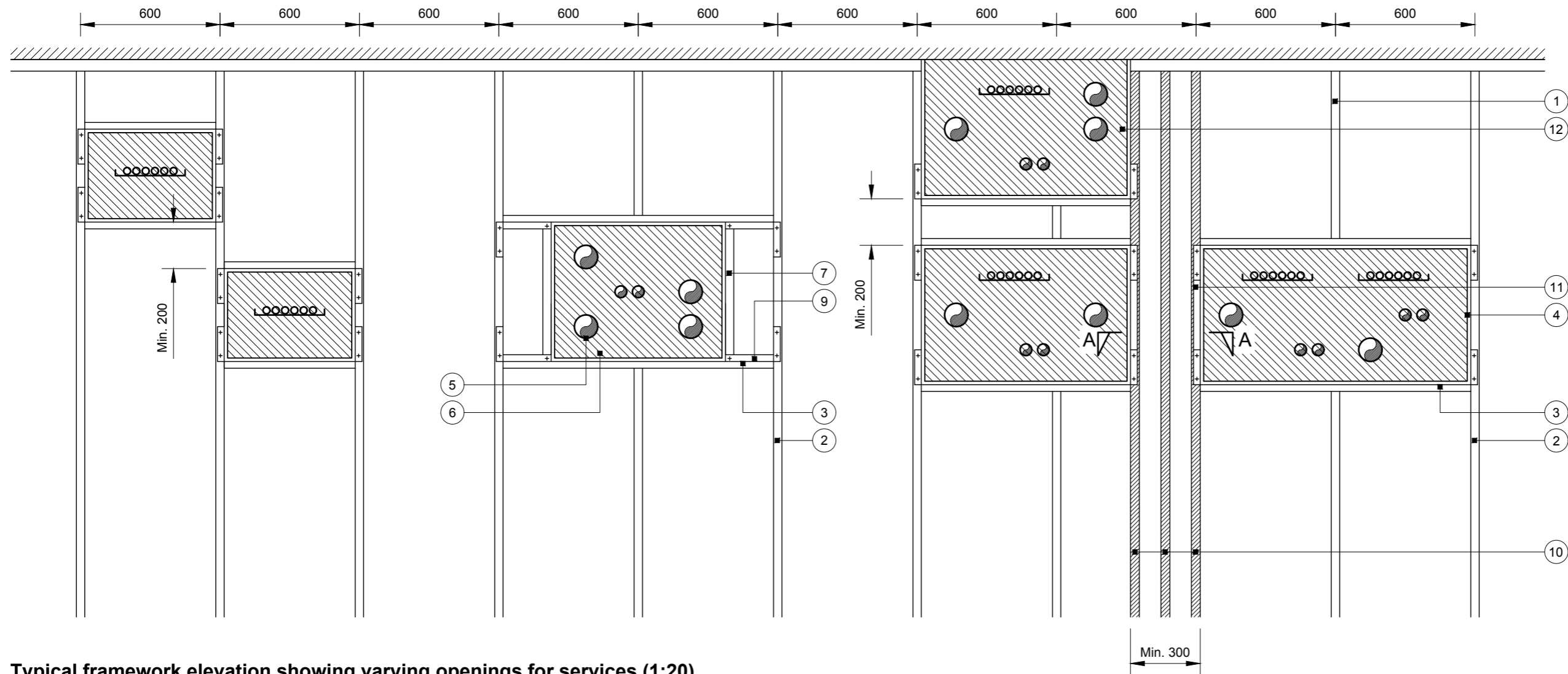


Plan A-A (1:5)



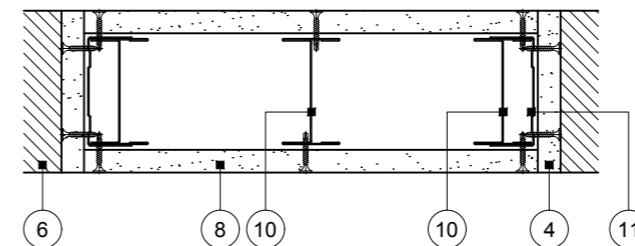
Section B-B (1:5)

Detail 3 – GypWall systems



Typical framework elevation showing varying openings for services (1:20)

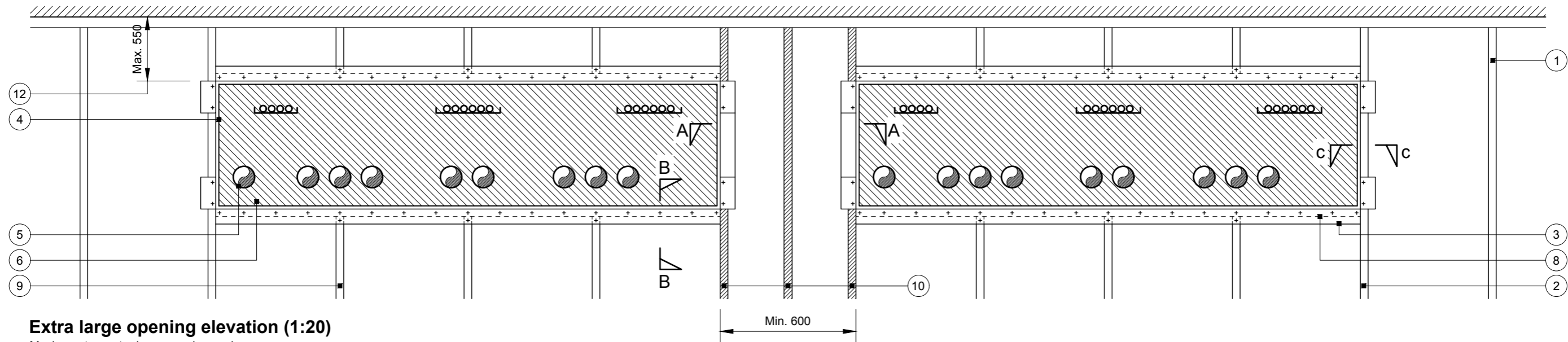
- 1 Gyproframe studs at 600 mm centres
- 2 Gyproframe 'C' Stud at jamb
- 3 Gyproframe Folded Edge Standard Floor & Ceiling Channel cut and bent to extend 150 mm up/down studs and fixed through both flanges with two suitable British Gypsum wafer head screws
- 4 Opening lined with same board as partition (best practice) with screws at 200 mm centres.
- 5 Indicative services independently supported
- 6 Gyproc firestopping
- 7 Short length of Gyproframe 'C' Stud fixed to channels top and bottom using suitable British Gypsum wafer head screws
- 8 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300 mm centres (200mm centres at external angles)
- 9 Short length of Gyproframe Folded Edge Standard Floor & Ceiling Channel fixed to trimming channels with suitable British Gypsum wafer head screws at 300 mm centres
- 10 Gyproframe 'I' Stud
- 11 Gyproframe Folded Edge Standard Floor & Ceiling Channel sleeved over stud between returned channels at opening head and base
- 12 Refer to three sided opening on Detail 11



Plan A-A (1:5)

Nib between openings minimum 300 mm
Use 'I' studs when less than 600 mm

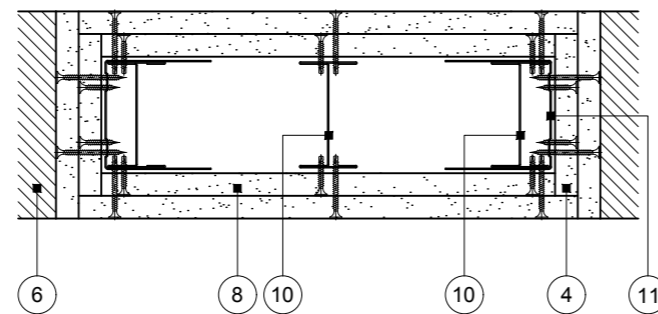
Detail 4 – GypWall partitions 100 mm or more overall thickness
& Severe Duty Rated
Multiple extra large openings for services



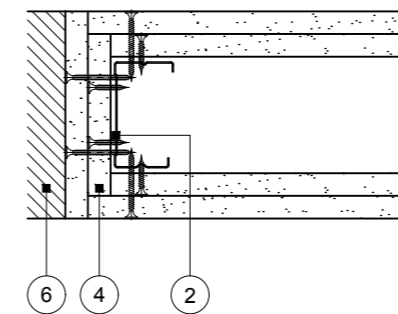
Extra large opening elevation (1:20)

Maximum two extra large openings only
Three studs interrupted by opening
See Table 1 for clear opening widths

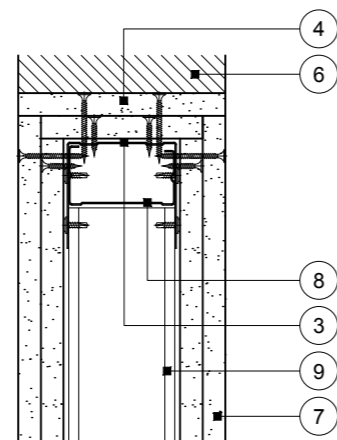
TABLE 1: MAXIMUM CLEAR OPENING WIDTH THREE STUDS INTERRUPTED BY OPENING				
STUD TYPE	REVEAL LINING (mm)	CLEAR OPENING WIDTH (mm)		
		STUD CENTRES (mm)		
		600	400	300
'C'	Unlined	2361	1561	1161
	1 x 15	2331	1531	1131
	2 x 12.5	2311	1511	1111
	2 x 15	2301	1501	1101
	3 x 15	2271	1471	1071
'I'	Unlined	2362	1562	1162
	1 x 15	2332	1532	1132
	2 x 12.5	2212	1512	1112
	2 x 15	2302	1502	1102
	3 x 15	2272	1472	1072
AcouStud	Unlined	2356	1556	1156
	1 x 15	2326	1526	1126
	2 x 12.5	2306	1506	1106
	2 x 15	2296	1496	1096
	3 x 15	2266	1466	1066



Plan A-A (1:5)



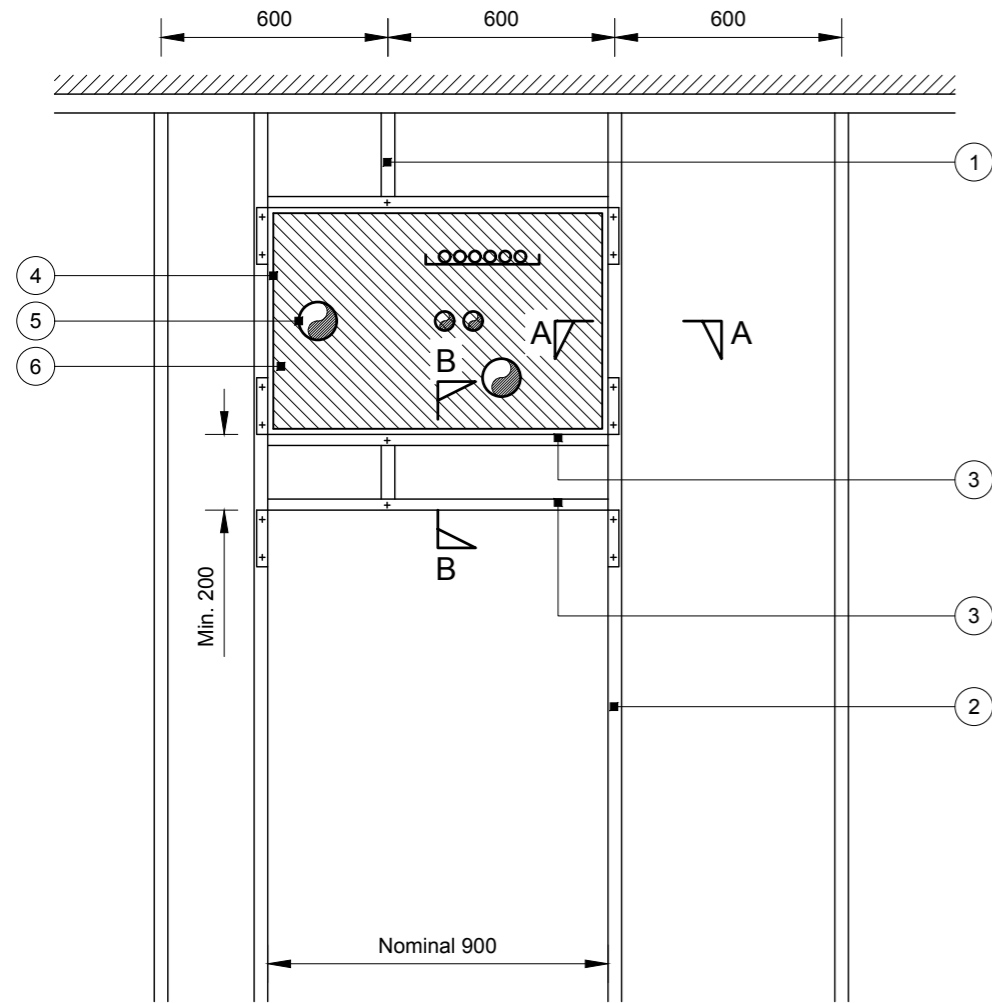
Plan C-C (1:5)



Section B-B (1:5)

- 1 Gypframe studs at specified centres
- 2 Gypframe 'C' Stud at jamb
- 3 Gypframe Extra Deep Flange Floor & Ceiling Channel cut and bent to extend 150 mm up/down studs and fixed through both flanges with two suitable British Gypsum wafer head screws
- 4 Opening lined with same board as partition (best practice) with screws at 200 mm centres.
- 5 Indicative services independently supported
- 6 Gyproc firestopping
- 7 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300 mm centres (200 mm centres at external angles)
- 8 Gypframe 'C' Stud inserted into channel and fixed through both flanges with suitable British Gypsum wafer head screws at 150 mm centres
- 9 Gypframe studs at specified centres fixed to transom/cill channel through both flanges with suitable British Gypsum wafer head screws
- 10 Gypframe 'I' Stud
- 11 Gypframe Extra Deep Flange Floor & Ceiling Channel sleeved over stud between returned channels at opening head and base
- 12 Maximum 550 mm partition height above extra large opening. The minimum partition height is 300 mm. Alternatively refer to three sided opening on Detail 11

Extra large openings for services

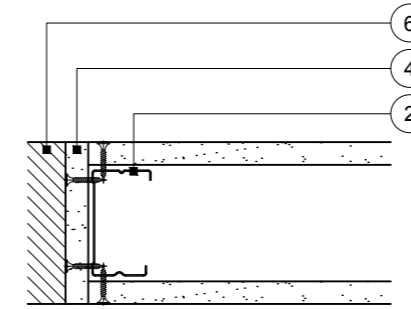


Framework elevation (1:20)

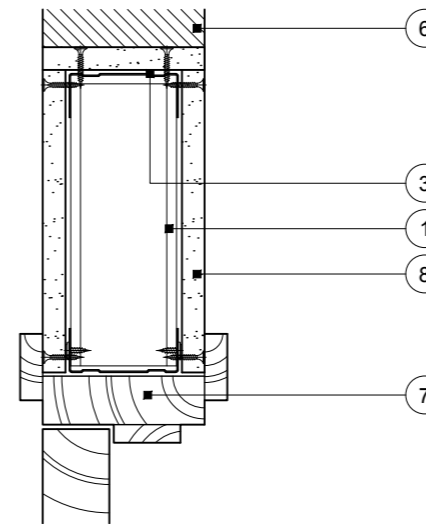
Opening shown nominal 900 x 600 mm

Opening for services above door

See separate drawing for door opening



Plan A-A (1:5)



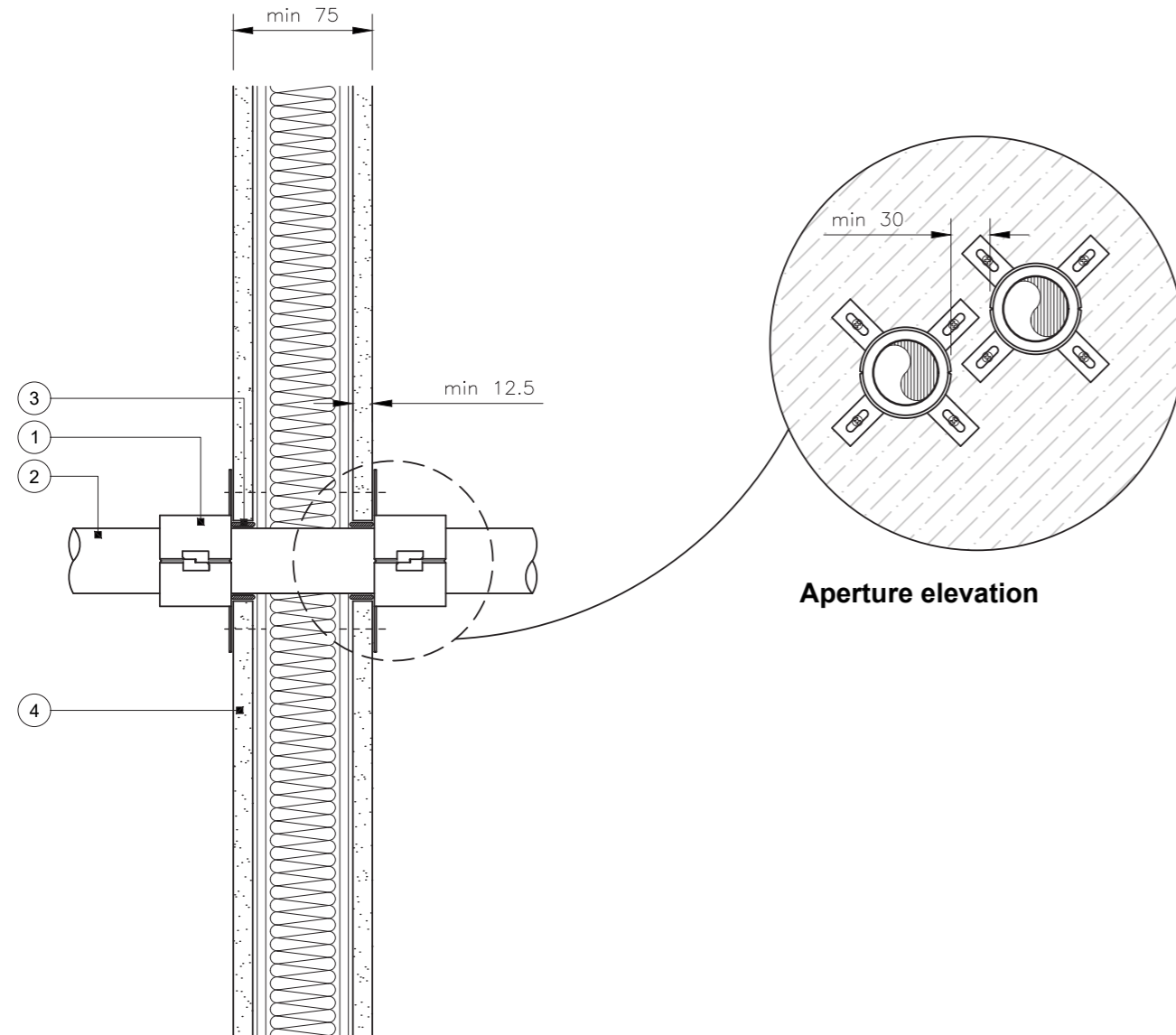
Section B-B (1:5)

- 1 Gypframe studs at 600 mm centres
- 2 Gypframe 'C' Stud at jamb
- 3 Gypframe Folded Edge Standard Floor & Ceiling Channel cut and bent to extend 150 mm up/down studs and fixed through both flanges with two suitable British Gypsum wafer head screws
- 4 Opening lined with same board as partition (best practice) with screws at 200 mm centres.
- 5 Indicative services independently supported
- 6 Gyproc firestopping
- 7 Indicative timber door frame and architrave
- 8 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300 mm centres (200 mm centres at external angles)

Core hole solutions

- | | | |
|---|--|---|
| 20 Detail 6 – Gyproc Pipe Collar, PVCu pipes | 44 Detail 18 – Gyproc Pipe Collar top side, PE, ABS, SAN+PVC and PE-x pipes | 66 Detail 29 – Gyproc Acrylic Fire Sealant, cables |
| 22 Detail 7 – Gyproc Pipe Collar, PE, ABS, SAN+PVC and PE-x pipes | 46 Detail 19 – Gyproc Pipe Collar top side, PP pipes | 68 Detail 30 – Gyproc Acrylic Fire Sealant, non-combustible pipes |
| 24 Detail 8 – Gyproc Pipe Collar, PP pipes | 48 Detail 20 – Gyproc Pipe Collar underside, PVCu pipes | 70 Detail 31 – Gyproc Acrylic Fire Sealant, non-combustible pipe with stone wool insulation |
| 26 Detail 9 – Gyproc Pipe Collar, PVCu pipes | 50 Detail 21 – Gyproc Pipe Collar underside, PE, ABS, SAN+PVC and PE-x pipes | 72 Detail 32 – Gyproc Acrylic Fire Sealant, non-combustible pipe |
| 28 Detail 10 – Gyproc Pipe Collar, PE, ABS, SAN+PVC and PE-x pipes | 52 Detail 22 – Gyproc Pipe Collar underside, PP pipes | 74 Detail 33 – Gyproc Acrylic Fire Sealant, cables |
| 30 Detail 11 – Gyproc Pipe Collar, PP pipes | 54 Detail 23 – Gyproc Pipe Collar, PVCu pipes | 76 Detail 34 – Gyproc Acrylic Fire Sealant, PVCu pipes |
| 32 Detail 12 – Gyproc Pipe Collar, Combustible composite pipes | 56 Detail 24 – Gyproc Pipe Collar, PE, ABS, SAN+PVC and PE-x pipes | 78 Detail 35 – Graphite Fire Sealant, PVCu pipes |
| 34 Detail 13 – Gyproc Pipe Collar, Metallic pipes with combustible insulation | 58 Detail 25 – Gyproc Pipe Collar, PP pipes | 80 Detail 36 – Graphite Fire Sealant, PE, ABS, SAN+PVC and PE-x pipes |
| 36 Detail 14 – Gyproc Pipe Collar, PVCu pipes | 60 Detail 26 – Gyproc Pipe Collar single side, PVCu pipes | 82 Detail 37 – Graphite Fire Sealant, PP pipes |
| 38 Detail 15 – Gyproc Pipe Collar, PE, ABS, SAN+PVC and PE-x pipes | 62 Detail 27 – Gyproc Pipe Collar single side, PE, ABS, SAN+PVC and PE-x pipes | 84 Detail 38 – Gyproc Fire Cord, non-combustible pipes |
| 40 Detail 16 – Gyproc Pipe Collar, PP pipes | 64 Detail 28 – Gyproc Pipe Collar single side, PP pipes | 86 Detail 39 – Gyproc Fire Cord, cables |
| 42 Detail 17 – Gyproc Pipe Collar top side, PVCu pipes | | |

Detail 6 – Gyproc Pipe Collar
PVCu pipes – single layer 75 mm partition



Section
Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 12.5mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

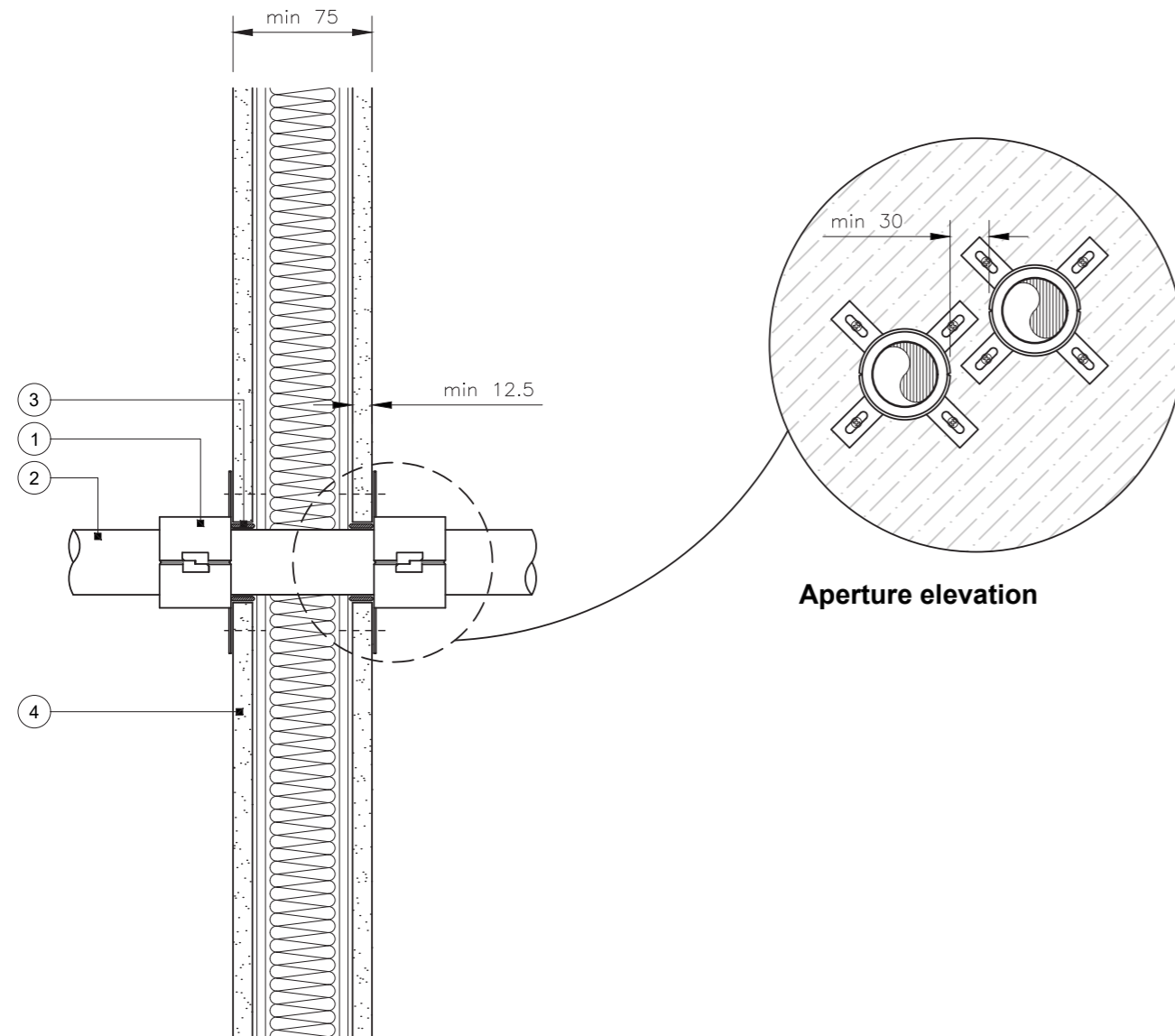
SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 50	2.4 - 4.6	30	10	E60, EI30	U/U, C/U, U/C, C/C
	55	2.4 - 4.8	30	10	E60, EI30	U/C, C/C
	63	2.5 - 5.0	30	10	E60, EI30	U/C, C/C
	75	2.5 - 5.4	30	10	E60, EI30	U/C, C/C
	82	2.6 - 5.6	30	10	E60, EI30	U/C, C/C
	90	2.6 - 5.9	30	10	E60, EI30	U/C, C/C
	110	2.7 - 6.6	30	10	E60, EI30	U/C, C/C
	125	2.9 - 7.4	60	10	E60, EI30	U/C, C/C
	140	3.0 - 8.3	60	10	E60, EI30	U/C, C/C
	160	3.2 - 9.5	60	10	E60, EI30	U/C, C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-631-001
Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 7 – Gyproc Pipe Collar

PE, ABS, SAN+PVC and PE-x pipes – single layer 75 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 12.5mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

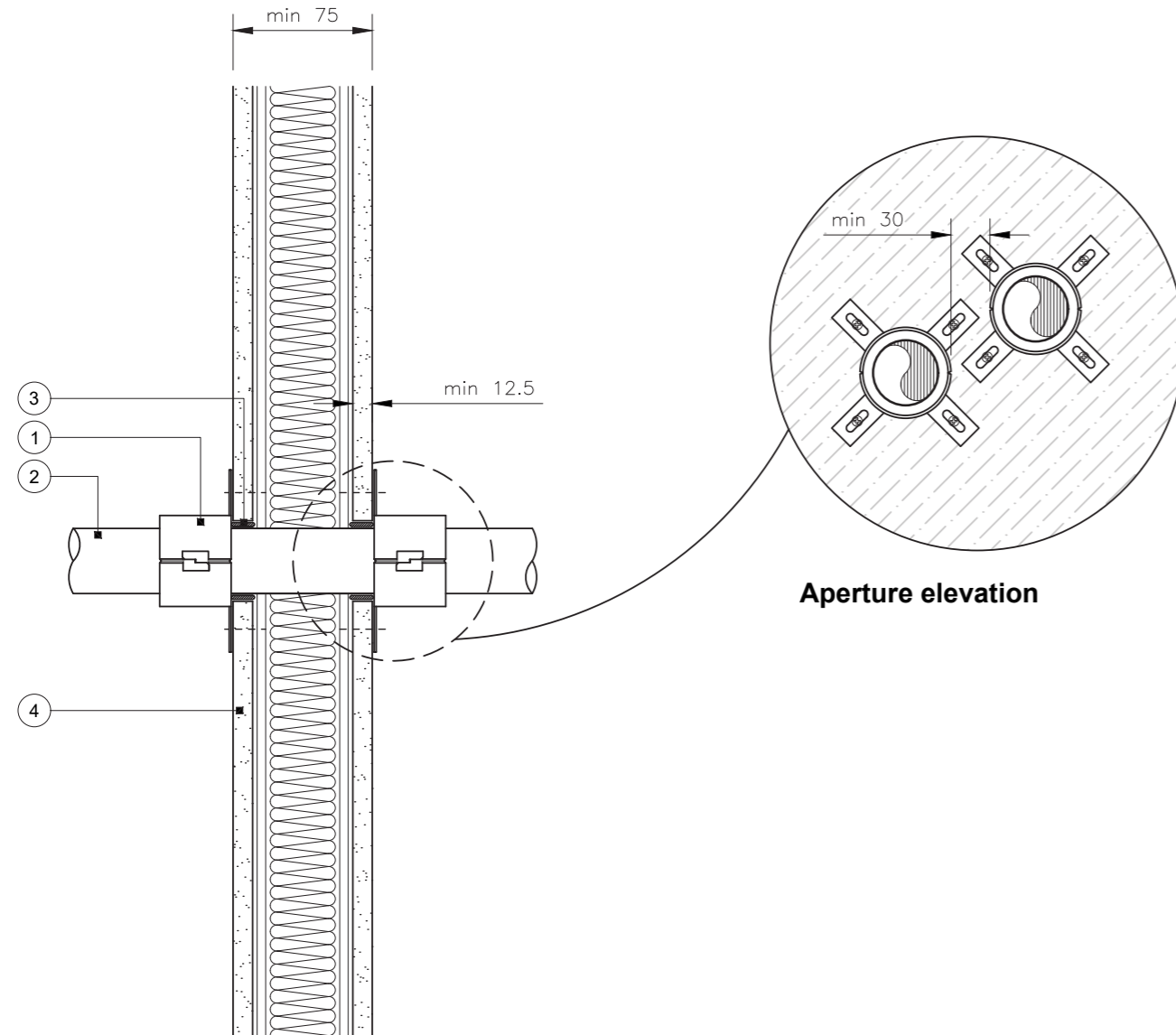
To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	30	10	E60, EI30	U/C, C/C
	55	3.0 - 5.0	30	10	E60, EI30	U/C, C/C
	63	3.1 - 5.8	30	10	E60, EI30	U/C, C/C
	75	3.2 - 6.8	30	10	E60, EI30	U/C, C/C
	82	3.2 - 7.5	30	10	E60, EI30	U/C, C/C
	90	3.3 - 8.2	30	10	E60, EI30	U/C, C/C
	110	3.4 - 10.0	30	10	EI60	U/C, C/C
	125	4.2 - 9.8	60	10	E60, EI30	U/C, C/C
	140	5.1 - 9.6	60	10	E60, EI30	U/C, C/C
	160	6.2 - 9.5	60	10	E60, EI30	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail **Scale at A3:** 1:5 **Drawn:** CT
Date: March 2026 **Approved:** JMC / MKF
Dwg No.: CN-631-002 **Revision:** -

Detail 8 – Gyproc Pipe Collar
PP pipes – single layer 75 mm partition



Section
Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 12.5mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

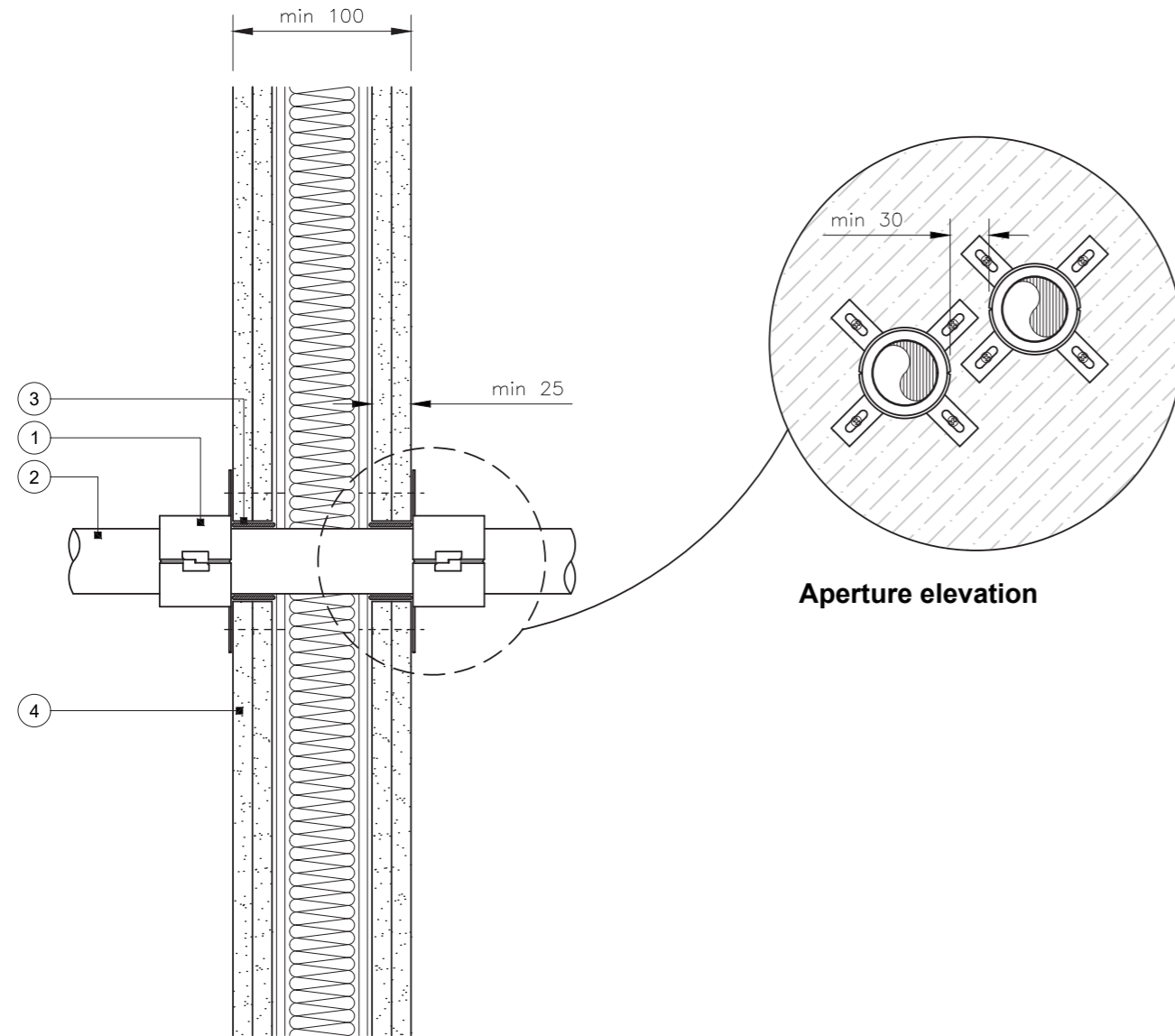
SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	2.0 - 4.6	30	10	E60, EI30	U/U, C/U, U/C, C/C
	55	2.1 - 5.1	30	10	E60, EI30	U/C, C/C
	63	2.3 - 5.8	30	10	E60, EI30	U/C, C/C
	75	2.6 - 6.9	30	10	E60, EI30	U/C, C/C
	82	2.7 - 7.5	30	10	E60, EI30	U/C, C/C
	90	2.9 - 8.2	30	10	E60, EI30	U/C, C/C
	110	3.4 - 10.0	30	10	E60, EI30	U/C, C/C
	125	3.9 - 11.4	60	10	E60, EI30	U/C, C/C
	140	4.3 - 12.8	60	10	E60, EI30	U/C, C/C
	160	4.9 - 14.6	60	10	E160	U/C, C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-631-003

Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 9 – Gyproc Pipe Collar
PVCu pipes – double layer 100 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤ 7 mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥ 8 mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with $\varnothing 4$ mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:

30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 50	1.2 - 4.6	30	10	E 90, EI 60	U/C, C/C
	55	1.3 - 4.7	30	10	EI 60	U/C, C/C
	82	2.0 - 5.6	30	10	EI 60	U/C, C/C
	110	2.7 - 6.6	30	10	EI 60	U/C, C/C
	≤ 50	2.4 - 4.6	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	55	2.5 - 4.7	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	82	2.6 - 5.6	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	110	2.7 - 6.6	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	125	2.9 - 7.4	60	10	EI 60	U/U, C/U, U/C, C/C
	140	3.0 - 8.3	60	10	EI 60	U/U, C/U, U/C, C/C
160	3.2 - 9.5	60	10	EI 60	U/U, C/U, U/C, C/C	
200	4.9 - 11.9	60	10	EI 120	U/C, C/C	
315	7.7 - 12.1	75	10	EI 90	C/C	
400	9.8 - 11.9	100	10	E 120, EI 90	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

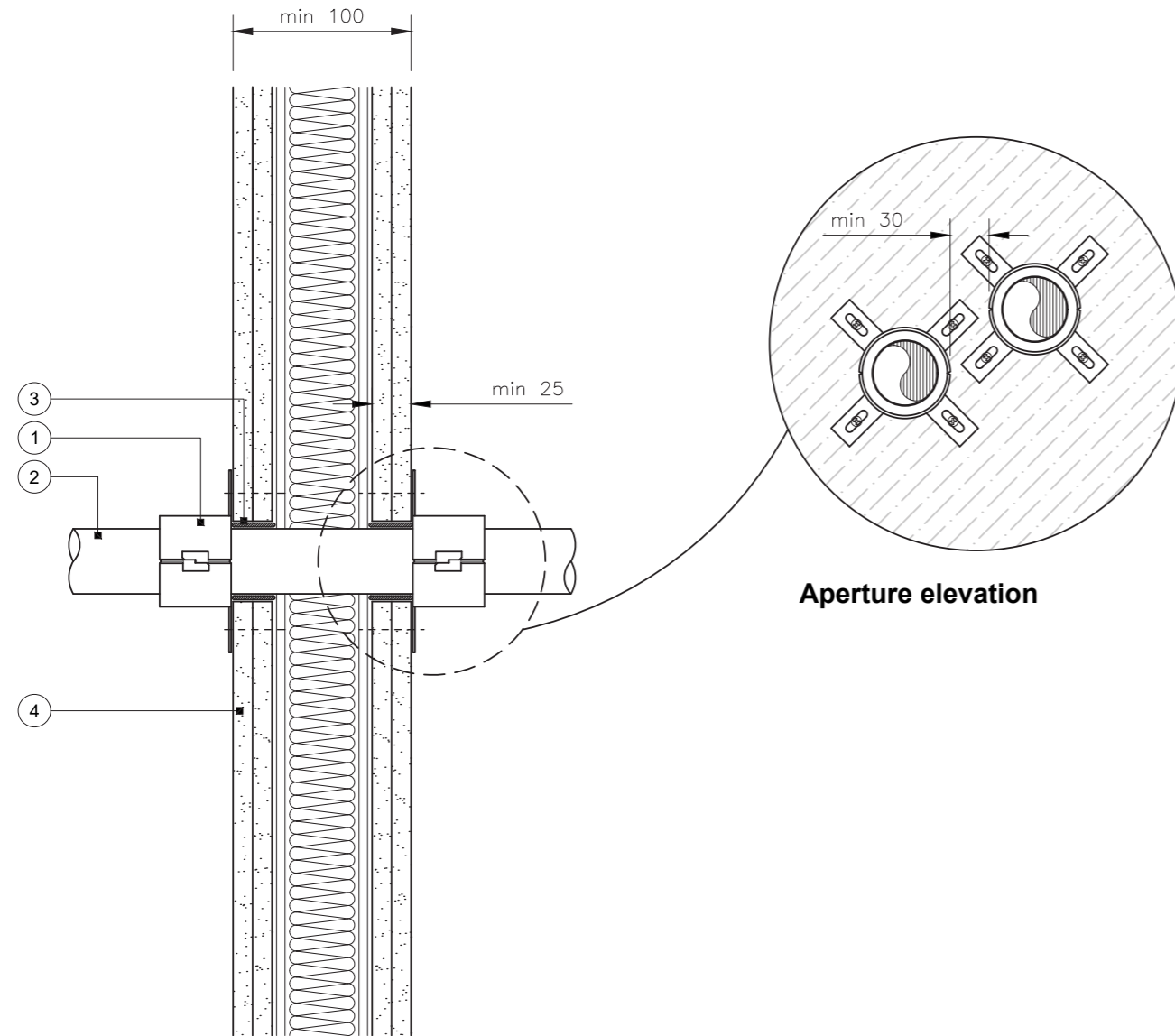
Approved: JMC / MKF

Dwg No.: CN-631-050

Revision: -

Detail 10 – Gyproc Pipe Collar

PE, ABS, SAN+PVC and PE-x pipes – double layer 100 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	30	10	E 90, EI 30	U/U, C/U, U/C, C/C
	≤ 50	3.0 - 5.6	30	10	E 90, EI60	U/C, C/C
	55	3.0 - 6.0	30	10	EI 60	U/C, C/C
	82	3.2 - 8.0	30	10	EI 60	U/C, C/C
	110	3.4 - 10.0	30	10	EI 60	U/C, C/C
	≤ 50	3.0- 4.6	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	55	3.1 - 5.0	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	82	3.2 - 7.4	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	110	3.4 - 10.0	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	125	4.2 - 9.8	50	10	EI 60	U/C, C/C
140	5.1 - 9.6	50	10	EI 60	U/C, C/C	
160	6.2 - 9.5	50	10	EI 60	U/C, C/C	
200	6.2 - 18.2	60	10	E 120, EI 90	U/C, C/C	
400	36.3	100	10	EI 90	C/C	

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

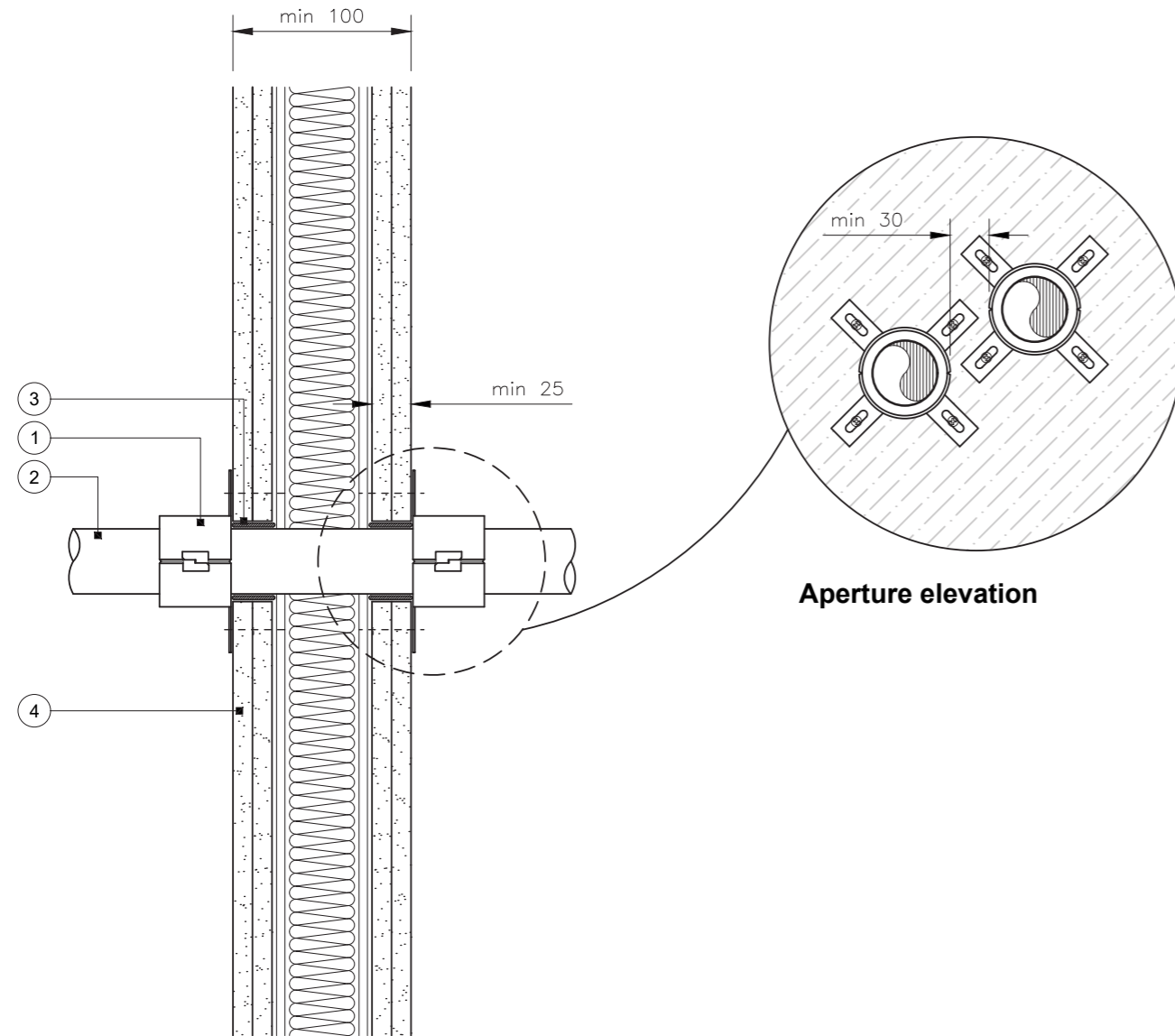
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-051

Revision: -

Detail 11 – Gyproc Pipe Collar
PP pipes – double layer 100 mm partition



Section

Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	30	10	E 90, EI 30	U/U, C/U, U/C, C/C
	≤ 50	3.0 - 5.6	30	10	E 90, EI60	U/C, C/C
	55	3.0 - 6.0	30	10	EI 60	U/C, C/C
	82	3.2 - 8.0	30	10	EI 60	U/C, C/C
	110	3.4 - 10.0	30	10	EI 60	U/C, C/C
	≤ 50	3.0- 4.6	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	55	3.1 - 5.0	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	82	3.2 - 7.4	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	110	3.4 - 10.0	50	10	E 90, EI 60	U/U, C/U, U/C, C/C
	125	4.2 - 9.8	50	10	EI 60	U/C, C/C
140	5.1 - 9.6	50	10	EI 60	U/C, C/C	
160	6.2 - 9.5	50	10	EI 60	U/C, C/C	
200	6.2 - 18.2	60	10	E 120, EI 90	U/C, C/C	
400	36.3	100	10	EI 90	C/C	

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

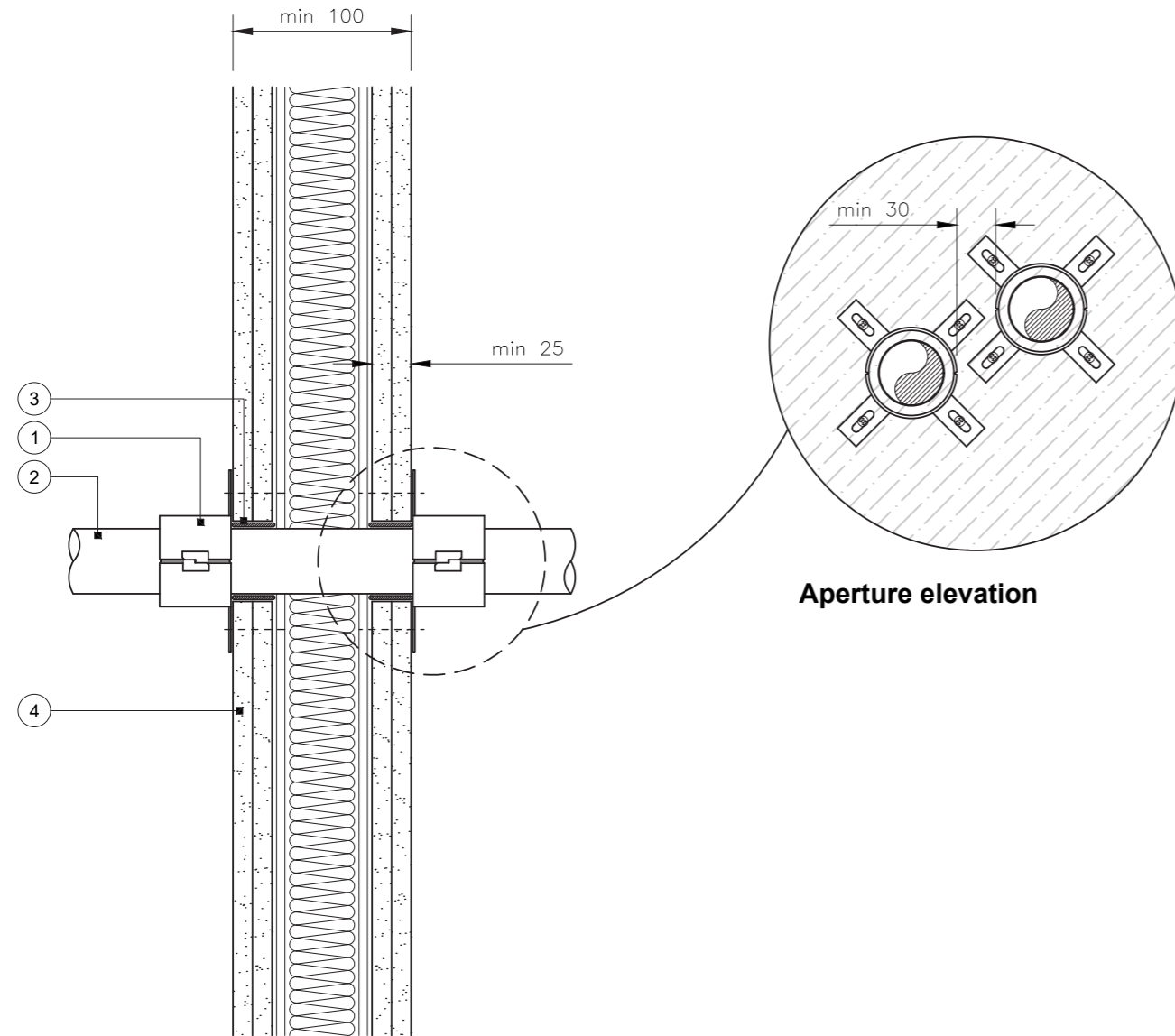
Approved: JMC / MKF

Dwg No.: CN-631-051

Revision: -

Detail 12 – Gyproc Pipe Collar

Combustible composite pipes – double layer 100 mm partition



Section

Single penetration

Combustible composite pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible composite pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤7mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥8mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with Ø4mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
Aquatherm Green SDR9	32	3.0 - 5.6	30	10	EI 120	C/C
	40	3.0 - 5.6	50	10	EI 120	C/C
	50	3.0 - 5.6	50	10	EI 120	C/C
	63	3.6 - 7.0	50	10	E 120, EI 60	C/C
	75	4.1 - 8.4	50	10	E 120, EI 60	C/C
	90	4.7 - 10.1	50	10	E 120, EI 60	C/C
Geberit Silent-PP	110	5.6- 12.3	50	10	E 120, EI 60	C/C
	32 - 50	1.8	50	10	EI 120	U/U, C/U, U/C, C/C
	75	1.8 - 2.5	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	90	1.8 - 2.9	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	110	1.8 - 3.4	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
Rehau Raupiano Plus	160	1.8 - 4.9	60	10	EI 90	U/C, C/C
	40	1.8	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	50	1.8	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	75	1.8 - 2.2	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	90	1.8 - 2.4	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	110	1.8 - 2.7	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	125	3.1	60	10	EI 120	U/U, C/U, U/C, C/C
160	3.9	60	10	EI 120	U/U, C/U, U/C, C/C	

If specific pipe size is not stated, please refer to UKTA

Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

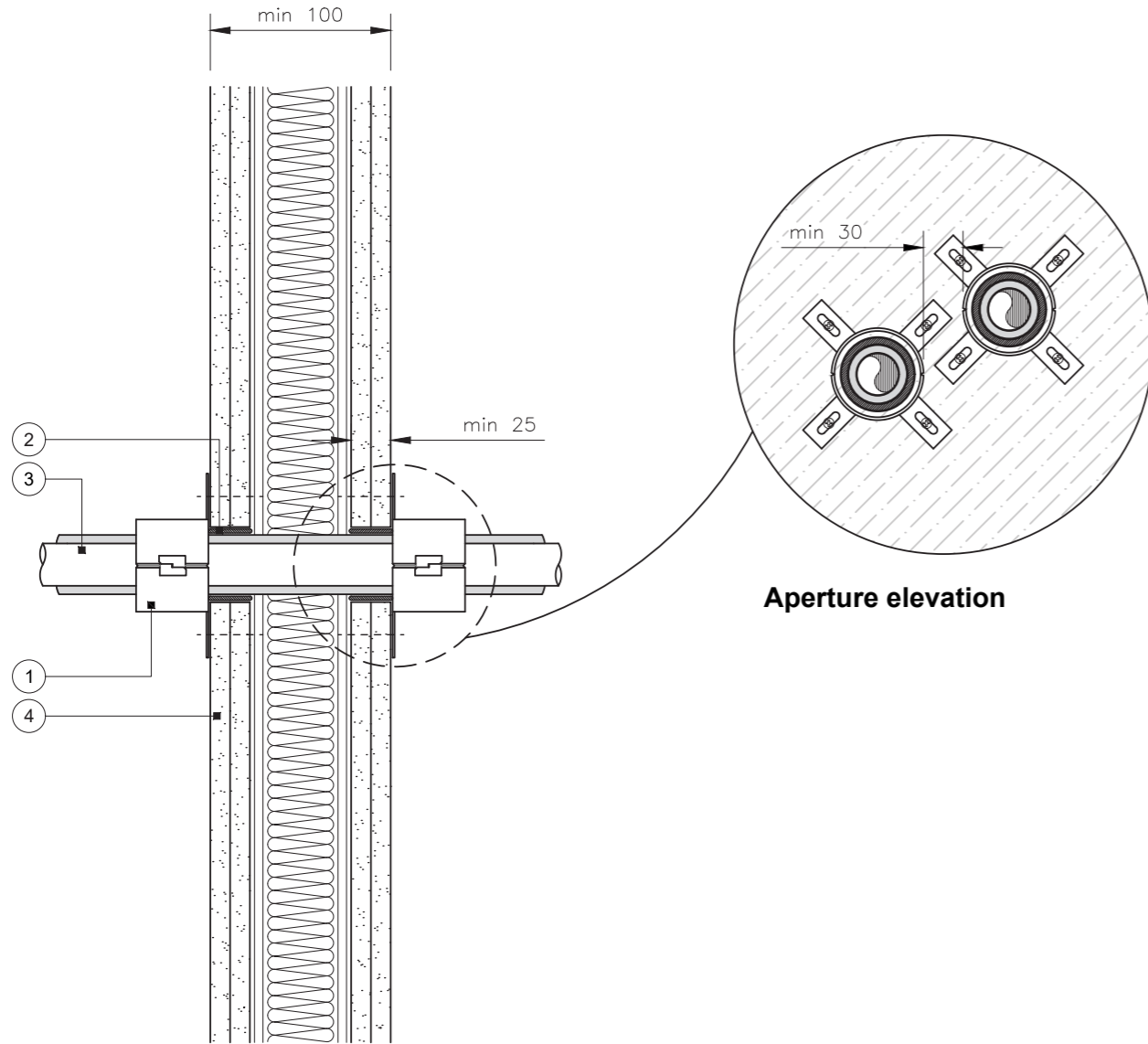
Approved: JMC / MKF

Dwg No.: CN-631-053

Revision: -

Detail 13 – Gyproc Pipe Collar

Metallic pipes with combustible insulation – double layer 100 mm partition



Section

Single penetration

Non combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible composite pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤ 7 mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥ 8 mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with $\varnothing 4$ mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
Aqualtherm Green SDR9	32	3.0 - 5.6	30	10	EI 120	C/C
	40	3.0 - 5.6	50	10	EI 120	C/C
	50	3.0 - 5.6	50	10	EI 120	C/C
	63	3.6 - 7.0	50	10	E 120, EI 60	C/C
	75	4.1 - 8.4	50	10	E 120, EI 60	C/C
	90	4.7 - 10.1	50	10	E 120, EI 60	C/C
Geberit Silent-PP	110	5.6- 12.3	50	10	E 120, EI 60	C/C
	32 - 50	1.8	50	10	EI 120	U/U, C/U, U/C, C/C
	75	1.8 - 2.5	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	90	1.8 - 2.9	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	110	1.8 - 3.4	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
Rehau Raupiano Plus	160	1.8 - 4.9	60	10	EI 90	U/C, C/C
	40	1.8	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	50	1.8	50	10	E 120, EI 90	U/U, C/U, U/C, C/C
	75	1.8 - 2.2	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	90	1.8 - 2.4	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	110	1.8 - 2.7	50	10	E 120, EI 60	U/U, C/U, U/C, C/C
	125	3.1	60	10	EI 120	U/U, C/U, U/C, C/C
160	3.9	60	10	EI 120	U/U, C/U, U/C, C/C	

If specific pipe size is not stated, please refer to UKTA

Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

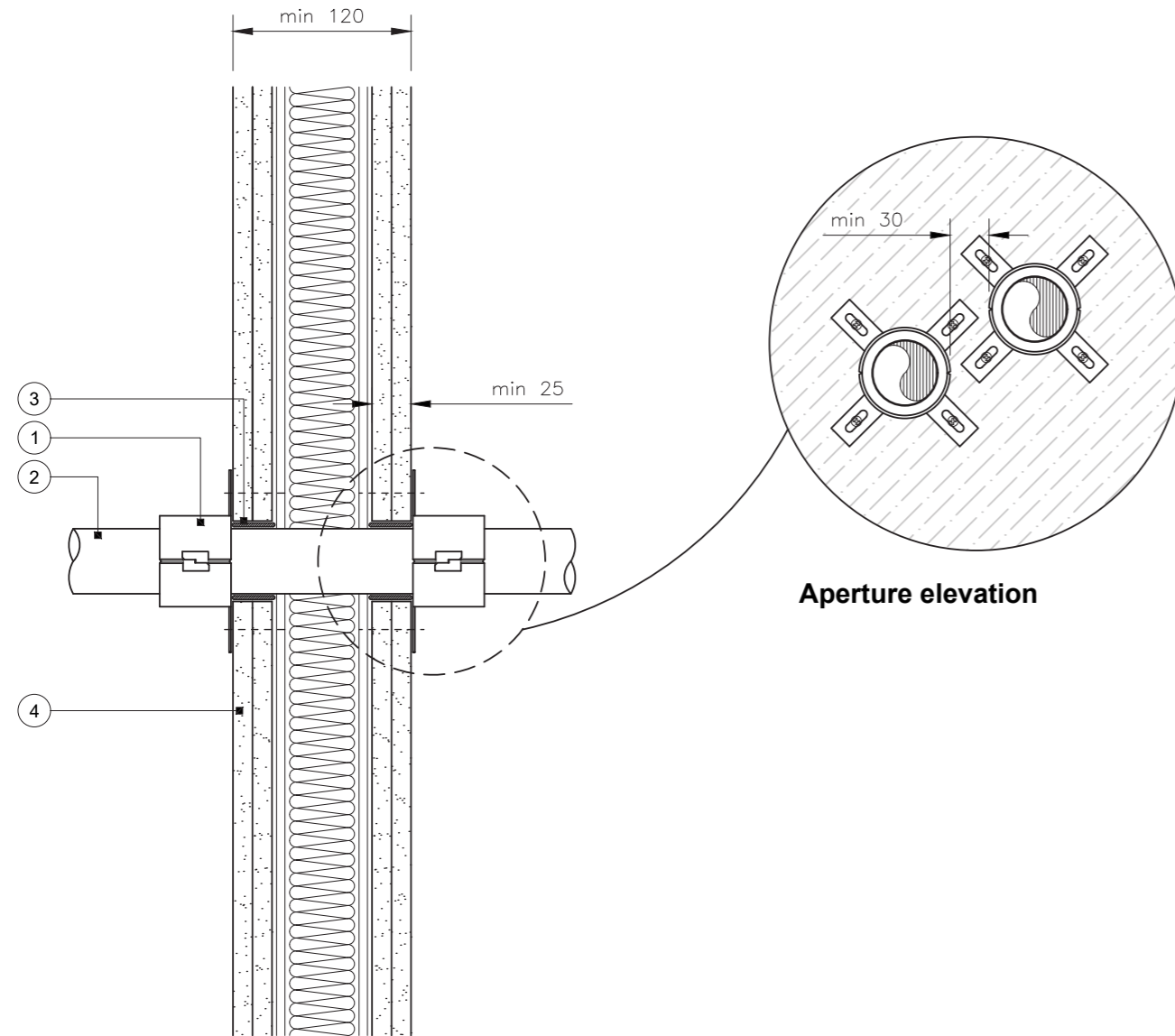
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-053

Revision: -

Detail 14 – Gyproc Pipe Collar
PVCu pipes – double layer 120 mm partition



Section

Single penetration
Combustibile pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustibile pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps $\geq 8\text{mm}$ to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with $\varnothing 4\text{mm}$ wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 120mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 50	2.4 - 3.7	50	10	EI 120	C/C
	55	2.4 - 3.9	50	10	EI 120	C/C
	63	2.5 - 4.3	50	10	EI 120	C/C
	75	2.5 - 4.9	50	10	EI 120	C/C
	82	2.6 - 5.2	50	10	EI 120	C/C
	90	2.6 - 5.6	50	10	EI 120	C/C
	110	2.7 - 6.6	50	10	EI 120	C/C
	125	3.1 - 7.5	60	10	EI 120	C/C
	140	3.5 - 8.4	60	10	EI 120	C/C
	160	4.0 - 9.5	60	10	EI 120	C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

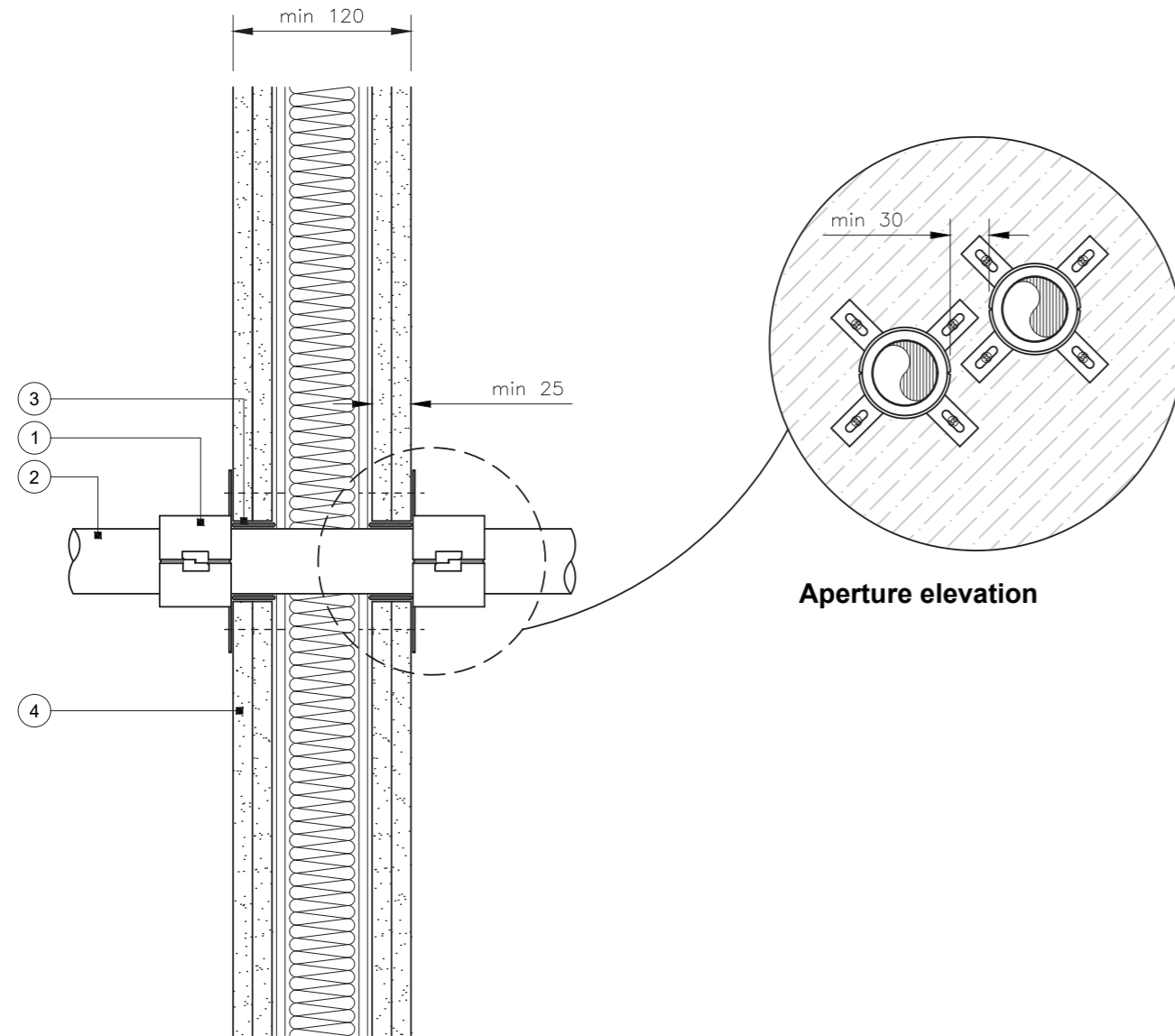
Approved: JMC / MKF

Dwg No.: CN-631-100

Revision: -

Detail 15 – Gyproc Pipe Collar

PE, ABS, SAN+PVC and PE-x pipes – double layer 120 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤ 7 mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥ 8 mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with $\varnothing 4$ mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 120mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	50	10	EI 120	C/C
	55	3.1 - 5.0	50	10	E 120, EI 90	C/C
	63	3.1 - 5.7	50	10	E 120, EI 90	C/C
	75	3.2 - 6.8	50	10	E 120, EI 90	C/C
	82	3.2 - 7.5	50	10	E 120, EI 90	C/C
	90	3.3 - 8.2	50	10	E 120, EI 90	C/C
	110	3.4 - 10.0	50	10	E 120, EI 90	C/C
	125	3.9 - 5.3	60	10	EI 120	C/C
	140	4.3 - 7.1	60	10	EI 120	C/C
	160	4.9 - 9.5	60	10	EI 120	C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

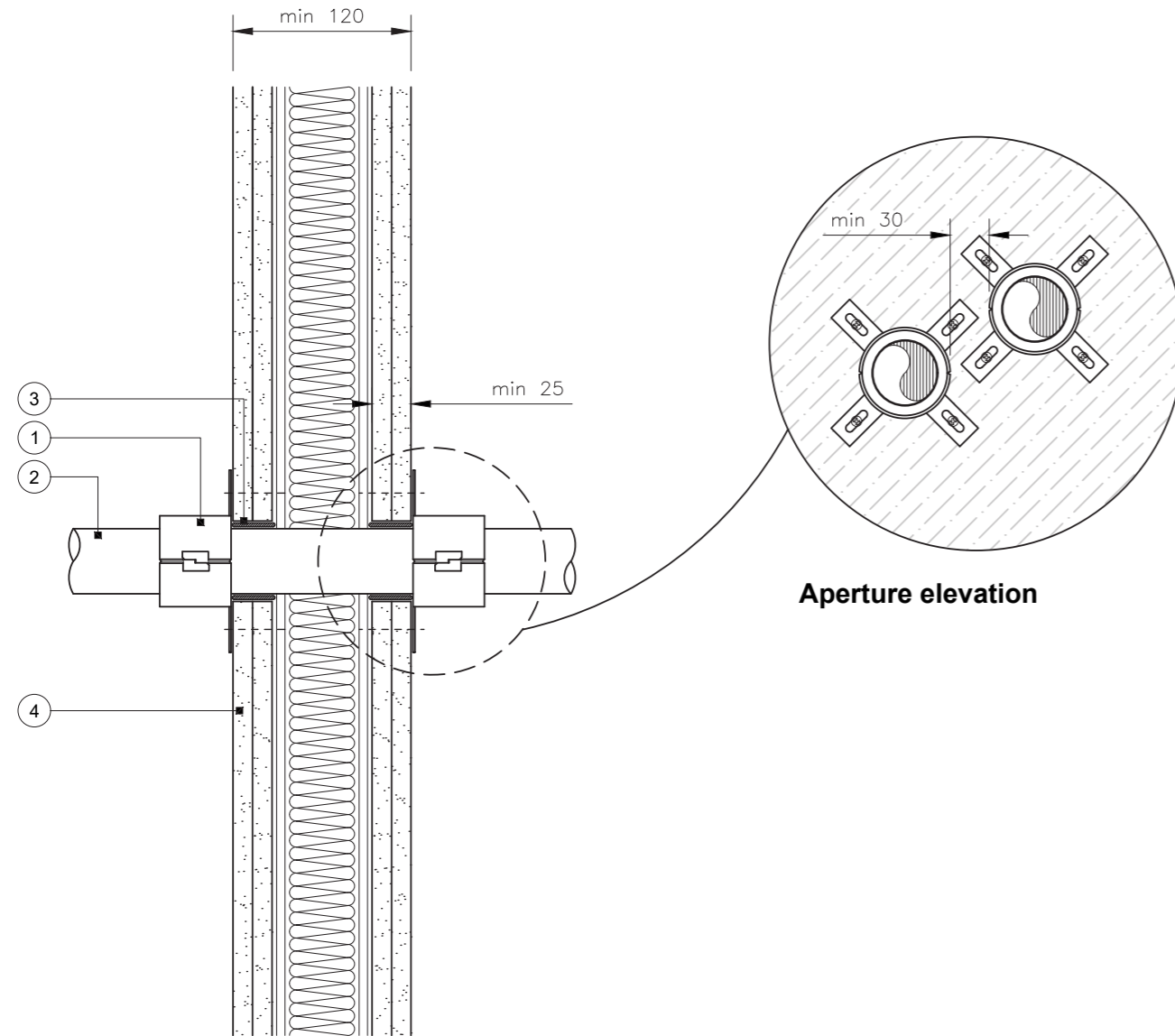
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-101

Revision: -

Detail 16 – Gyproc Pipe Collar
PP pipes – double layer 120 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of partition
- 2 Combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
Minimum seal depth 25mm
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Annular gaps ≤ 7 mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the partition to cover the annular gap
- Annular gaps ≥ 8 mm to receive Gyproc Acrylic Fire Sealant to the full depth of the lining
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with $\varnothing 4$ mm wood, drywall screws, or steel toggle fixings at length suitable for number of linings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0024

Minimum 120mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:

30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	2.9 - 4.6	50	10	EI 120	C/C
	55	2.9 - 5.0	50	10	E 120, EI 90	C/C
	63	2.9 - 5.7	50	10	E 120, EI 90	C/C
	75	2.8 - 6.8	50	10	E 120, EI 90	C/C
	82	2.8 - 7.5	50	10	E 120, EI 90	C/C
	90	2.8 - 8.2	50	10	E 120, EI 90	C/C
	110	2.7- 10	50	10	E 120, EI 90	C/C
	125	3.3 - 11.3	60	10	E 120, EI 90	C/C
	140	4.0 - 12.8	60	10	E 120, EI 90	C/C
	160	4.9 - 14.6	60	10	EI 120	C/C

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

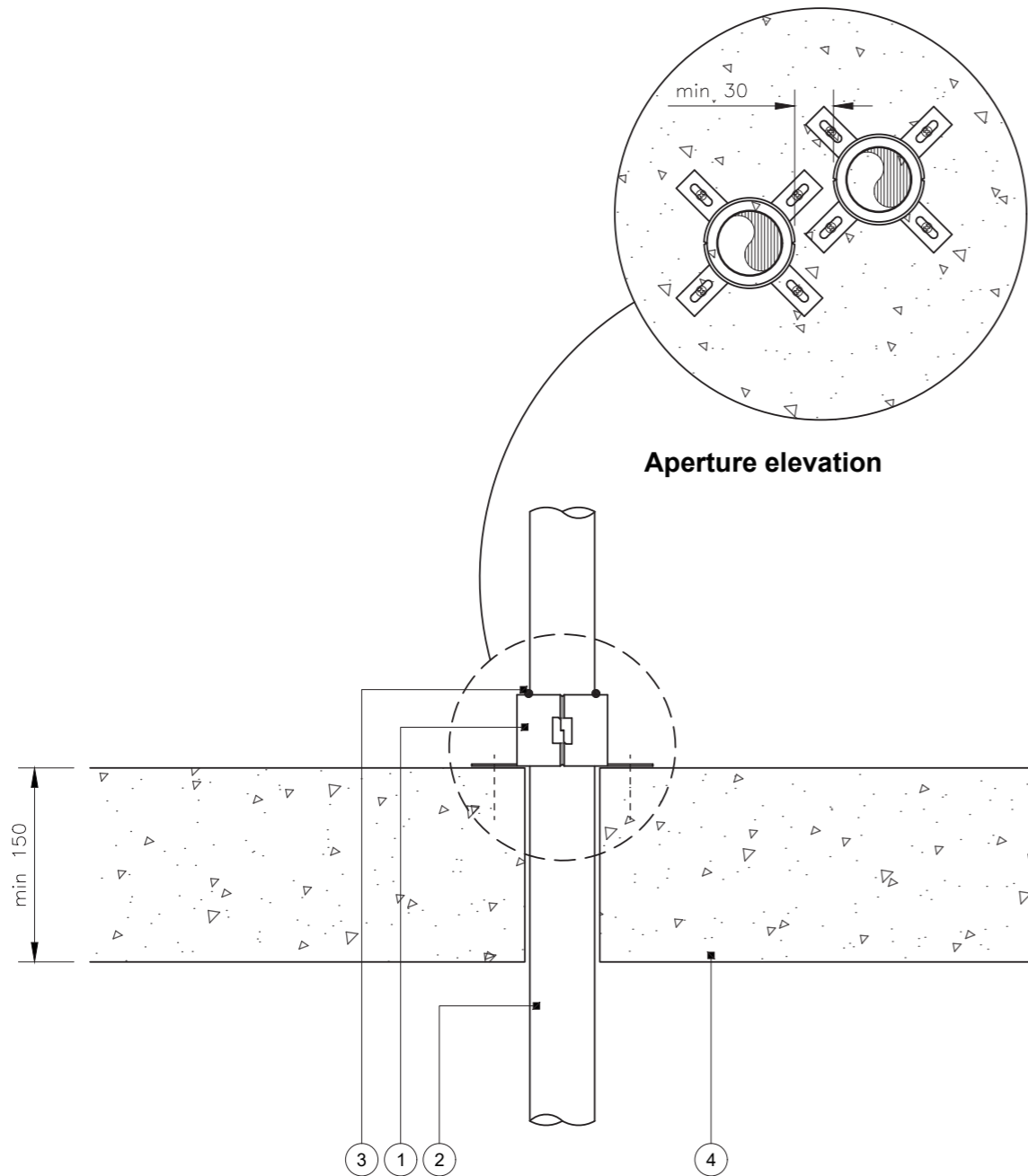
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-102

Revision: -



Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to top side only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

For collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening.

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 50	1.9 - 3.7	50	10	EI 240	U/C, C/C
	55	2.0 - 4.0	50	10	EI 120	U/C, C/C
	63	2.1 - 4.4	50	10	EI 120	U/C, C/C
	75	2.4 - 5.0	50	10	EI 120	U/C, C/C
	82	2.5 - 5.3	50	10	EI 120	U/C, C/C
	90	2.7 - 5.7	50	10	EI 120	U/C, C/C
	110	3.2 - 6.6	50	10	EI 120	U/C, C/C
	125	5.0 - 7.5	60	10	E 240, EI 180	U/C, C/C
	140	6.9 - 8.3	60	10	E 240, EI 180	U/C, C/C
	160	9.5	60	10	E 240, EI 180	U/C, C/C
	125	4.1 - 7.5	60	10	E 180, EI 90	U/C, C/C
	140	5.0 - 8.3	60	10	E 180, EI 90	U/C, C/C
	160	6.2 - 9.5	60	10	E 180, EI 90	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

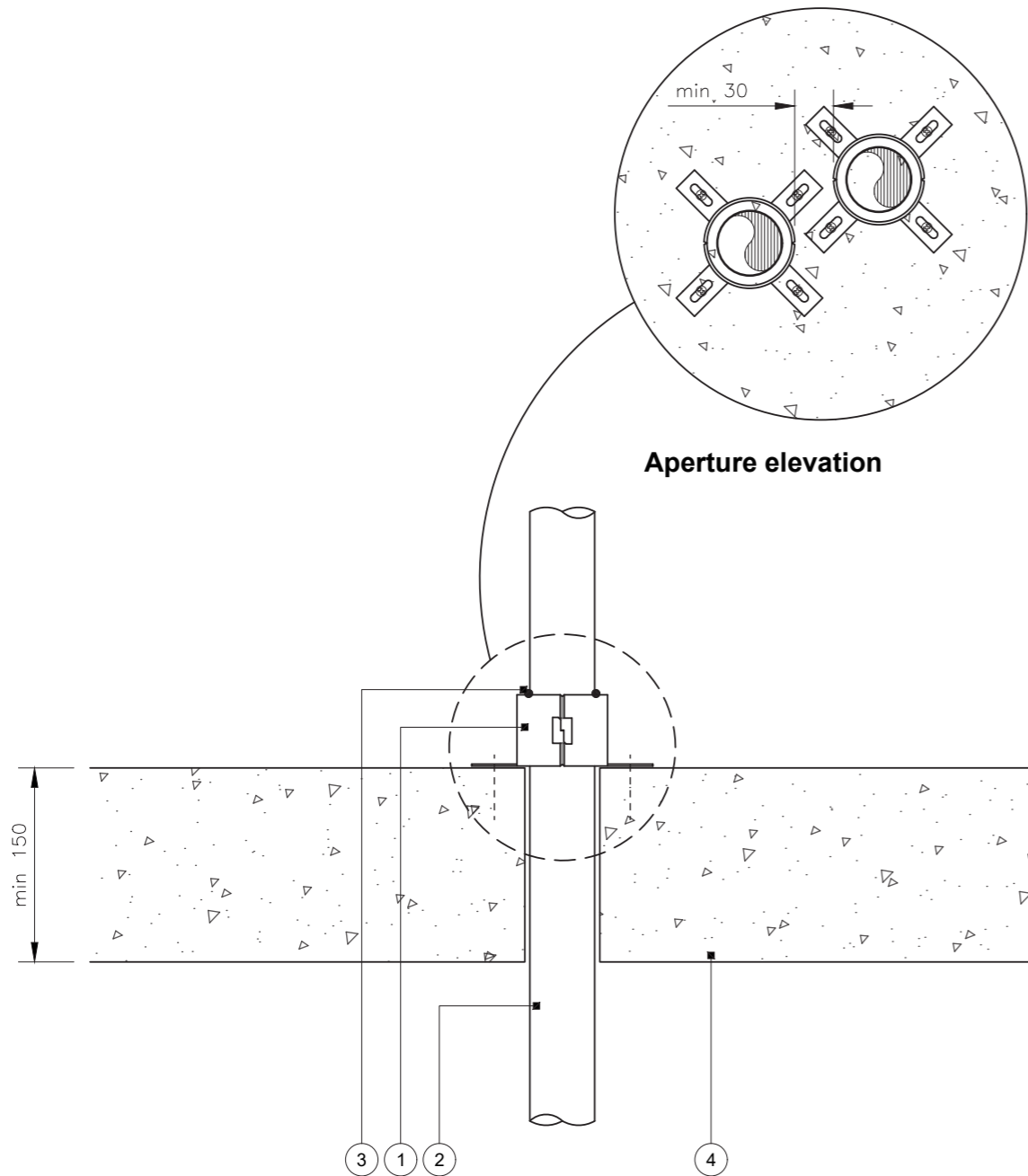
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-150

Revision: -



Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to top side only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

For collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening.

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	50	10	EI 240	U/C, C/C
	55	3.0 - 5.1	50	10	E 240, EI 60	U/C, C/C
	63	3.0 - 5.8	50	10	E 240, EI 60	U/C, C/C
	75	3.1 - 6.9	50	10	E 240, EI 60	U/C, C/C
	82	3.2 - 7.5	50	10	E 240, EI 60	U/C, C/C
	90	3.2 - 8.2	50	10	E 240, EI 60	U/C, C/C
	110	3.4 - 10.0	50	10	E 240, EI 60	U/C, C/C
	125	3.9 - 9.8	60	10	EI 60	U/C, C/C
	140	4.3 - 9.7	60	10	EI 60	U/C, C/C
	160	4.9 - 9.5	60	10	EI 60	U/C, C/C

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

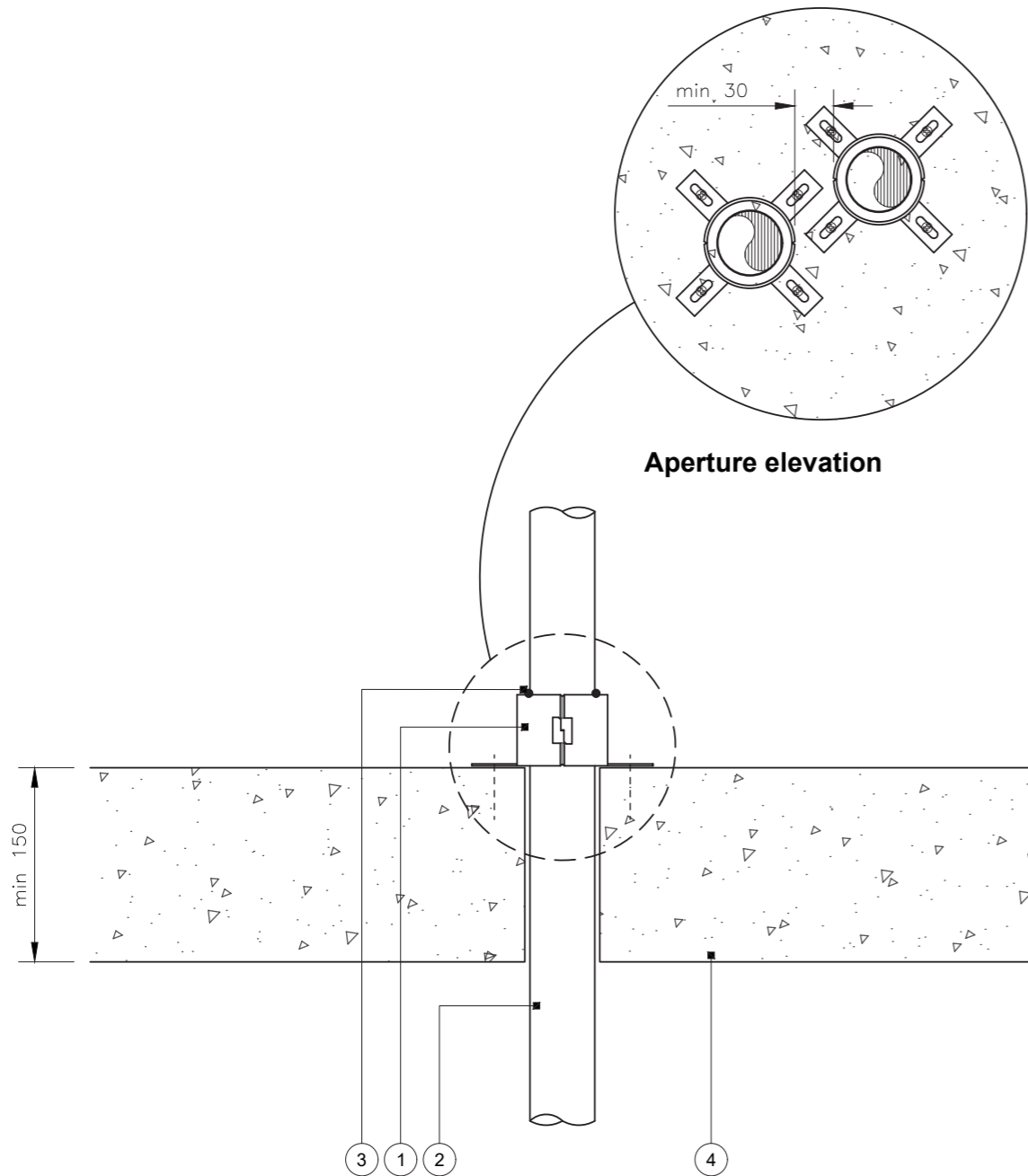
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-151

Revision: -



Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to top side only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

For collars installed on top side of floors, gaps between the pipe and the top side of the collar must have a bead of Gyproc Acrylic Fire Sealant to cover the opening.

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	2.9 - 4.6	50	10	E 240, EI 180	U/C, C/C
	55	3.2 - 5.1	50	10	E 120, EI 90	C/C
	63	3.7 - 5.8	50	10	E 120, EI 90	C/C
	75	4.3 - 6.9	50	10	E 120, EI 90	C/C
	82	4.7 - 7.5	50	10	E 120, EI 90	C/C
	90	5.2 - 8.2	50	10	E 120, EI 90	C/C
	110	6.3 - 10.0	50	10	E 120, EI 90	C/C
	125	8.8 - 11.3	60	10	E 240, EI 60	U/C, C/C
	140	11.3 - 12.7	60	10	E 240, EI 60	U/C, C/C
	160	14.6	60	10	E 240, EI 60	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

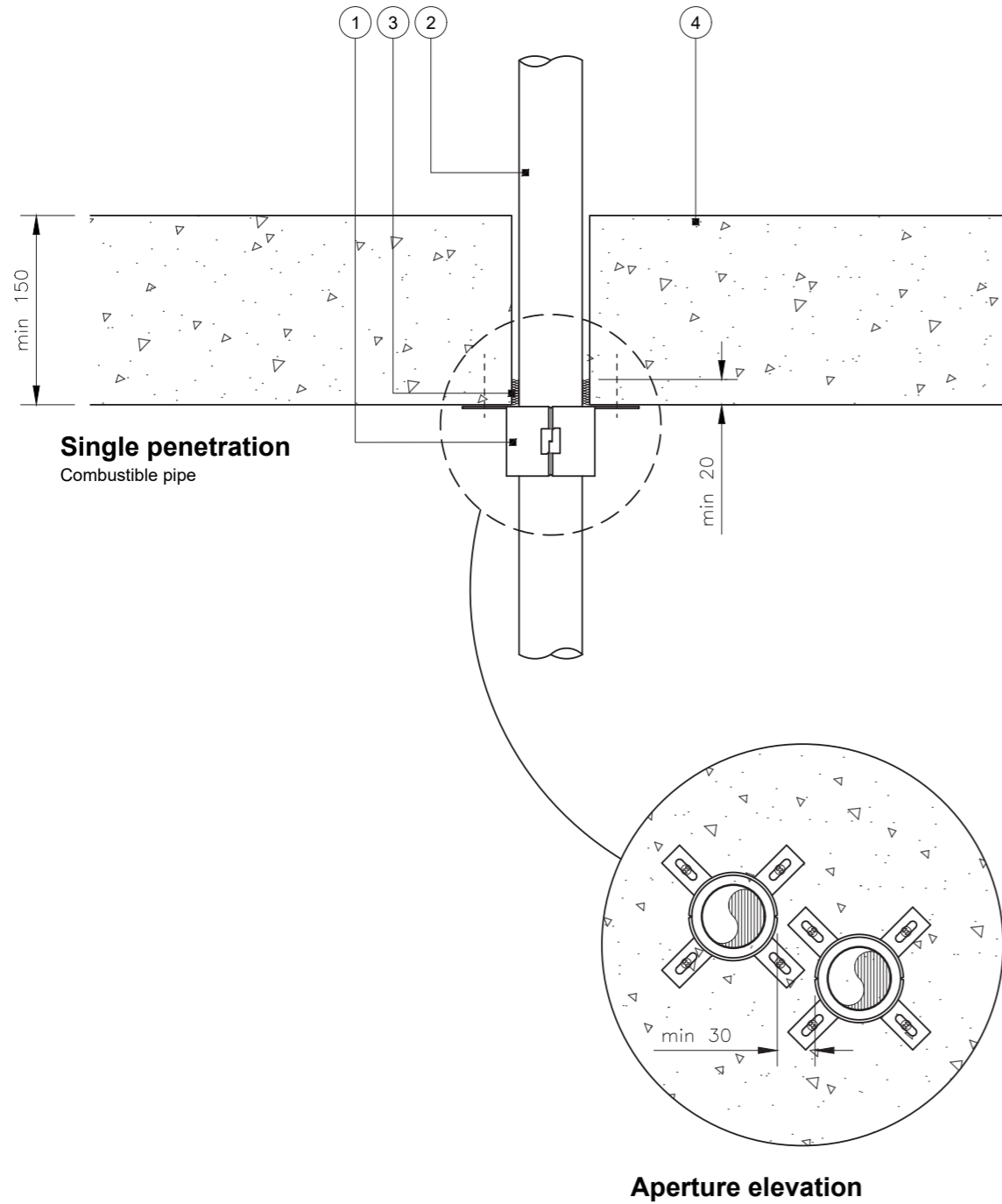
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-152

Revision: -



- 1 Gyproc Pipe Collar to underside only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Stone mineral wool as required - see important information
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

Annular gaps below 10mm must have 20mm deep 45 kg/m³ stonewool to plug the opening, alternatively 20 mm deep Gyproc Acrylic Fire Sealant with no backing. For 10mm gaps, the seal must be plugged with 10mm deep Gyproc Acrylic Fire Sealant on 40mm deep backing of 45 kg/m³ stonewool

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 40	1.9 - 3.7	30	10	E 90, EI 60	U/U, C/U, U/C, C/C
	50	2.0 - 3.7	30	10	E 90, EI 60	U/U, C/U, U/C, C/C
	55	2.1 - 3.9	30	10	EI 60	U/U, C/U, U/C, C/C
	75	2.5 - 4.9	30	10	EI 60	U/U, C/U, U/C, C/C
	82	2.6 - 5.2	30	10	EI 60	U/U, C/U, U/C, C/C
	110	3.2 - 6.6	30	10	EI 60	U/U, C/U, U/C, C/C
	≤ 50	2.0 - 3.7	50	10	EI 120	U/C, C/C
	63	3.0 - 4.3	50	10	EI 120	U/C, C/C
	82	4.3 - 5.1	50	10	EI 120	U/C, C/C
	110	2.7 - 6.9	50	10	E 120, EI 90	U/C, C/C
	125	2.9 - 7.6	50	10	E 120, EI 90	U/C, C/C
	140	3.0 - 8.4	50	10	E 120, EI 90	U/C, C/C
	160	3.2 - 9.5	50	10	E 120, EI 90	U/C, C/C
	125	5.6 - 7.3	60	10	EI 120	U/C, C/C
	140	5.0 - 8.2	60	10	EI 120	U/C, C/C
	160	4.0 - 9.5	60	10	EI 120	U/C, C/C
	200	4.9 - 11.9	60	10	E 120, EI 60	C/C
	250	6.1 - 11.9	75	10	EI 60	C/C
	315	7.7 - 12.1	75	10	EI 60	C/C
	400	15.3	100	10	EI 60	C/C

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

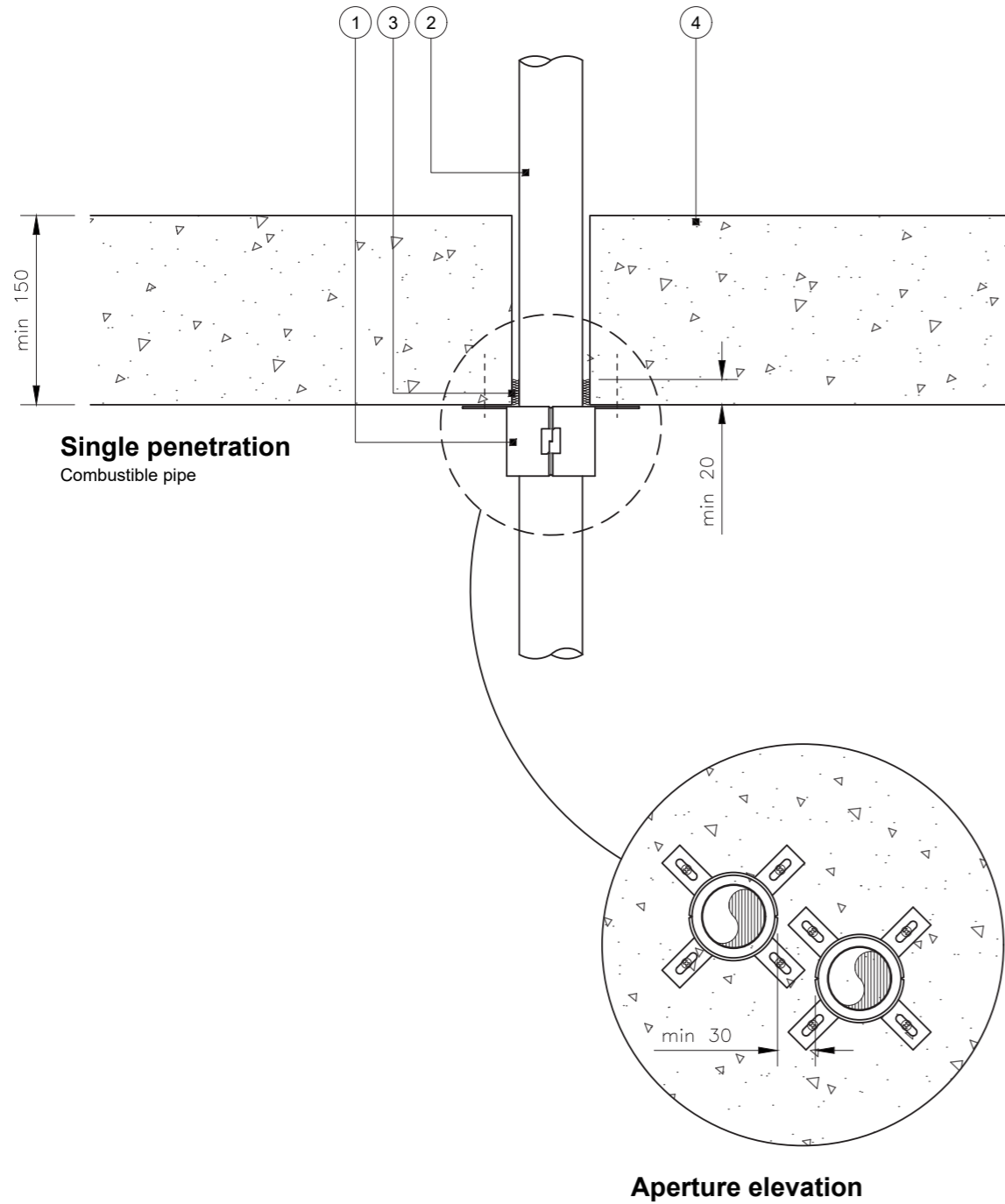
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-153

Revision: -

Detail 21 – Gyproc Pipe Collar underside
PE, ABS, SAN+PVC and PE-x pipes – rigid floor



- 1 Gyproc Pipe Collar to underside only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Stone mineral wool as required - see important information
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:

30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

Annular gaps below 10mm must have 20mm deep 45 kg/m³ stonewool to plug the opening, alternatively 20 mm deep Gyproc Acrylic Fire Sealant with no backing. For 10mm gaps, the seal must be plugged with 10mm deep Gyproc Acrylic Fire Sealant on 40mm deep backing of 45 kg/m³ stonewool

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	30	10	EI 60	U/U, C/U, U/C, C/C
	63	3.0 - 5.9	30	10	EI 60	U/C, C/C
	82	3.1 - 7.6	30	10	EI 60	U/C, C/C
	110	3.4 - 10.0	30	10	EI 60	U/C, C/C
	≤ 50	2.0 - 3.0	50	10	EI 240	U/C, C/C
	≤ 50	2.0 - 4.6	50	10	EI 60	U/U, C/U, U/C, C/C
	63	2.3 - 5.8	50	10	EI 60	U/U, C/U, U/C, C/C
	82	2.8 - 7.5	50	10	EI 60	U/U, C/U, U/C, C/C
	110	3.4 - 10.0	60	10	EI 60	U/U, C/U, U/C, C/C
	125	3.9 - 11.3	60	10	EI 60	U/U, C/U, U/C, C/C
	160	4.9 - 14.6	60	10	EI 60	U/U, C/U, U/C, C/C
	≤ 50	3.0 - 4.6	50	10	EI 120	U/C, C/C
	55	3.1 - 5.0	50	10	EI 120	U/C, C/C
	75	3.2 - 6.9	50	10	EI 120	U/C, C/C
	90	3.3 - 8.2	50	10	EI 120	U/C, C/C
	125	3.9 - 11.3	50	10	EI 120	U/C, C/C
	160	4.9 - 14.7	50	10	EI 120	U/C, C/C
	200	6.2 - 18.2	60	10	E 240, EI 120	C/C
	250	11.5 - 18.4	75	10	EI 240	C/C
	315	18.8 - 28.6	75	10	EI 90	C/C
400	36.3	100	10	EI 90	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

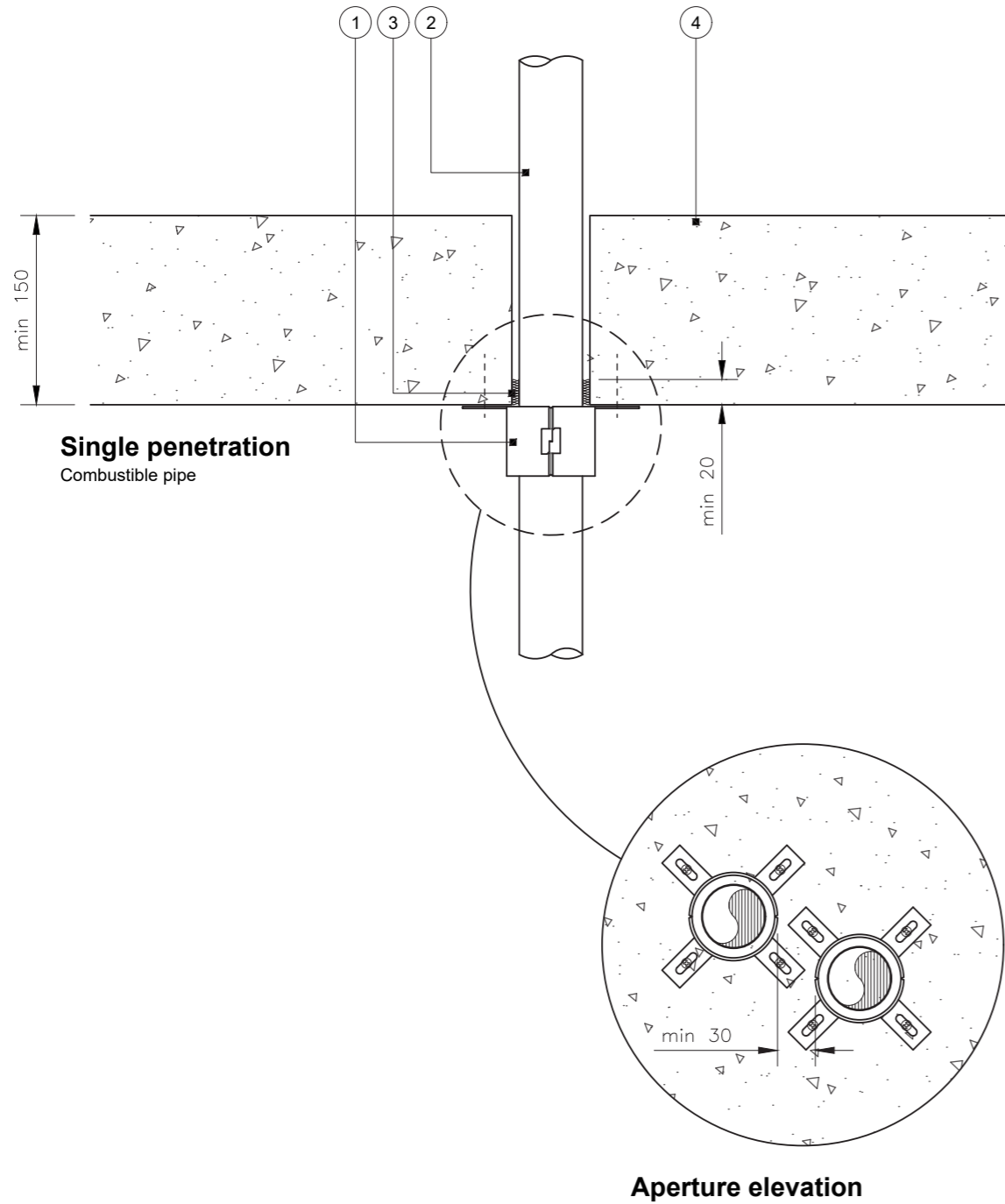
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-154

Revision: -

Detail 22 – Gyproc Pipe Collar underside
PP pipes – rigid floor



- 1 Gyproc Pipe Collar to underside only
- 2 Combustible pipe supported from top side of rigid floor at a maximum 500mm distance from the substrate surface
- 3 Stone mineral wool as required - see important information
- 4 Indicative rigid floor construction as defined in the UKTA

Installation guidance

- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

Annular gaps below 10mm must have 20mm deep 45 kg/m³ stonewool to plug the opening, alternatively 20 mm deep Gyproc Acrylic Fire Sealant with no backing. For 10mm gaps, the seal must be plugged with 10mm deep Gyproc Acrylic Fire Sealant on 40mm deep backing of 45 kg/m³ stonewool.

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	1.8 - 4.6	30	10	EI 120	U/U, C/U, U/C, C/C
	63	2.3 - 5.5	30	10	EI 120	U/C, C/C
	82	3.1 - 5.6	30	10	EI 120	U/C, C/C
	110	4.2 - 6.6	30	10	EI 180	U/C, C/C
	≤ 50	1.8 - 4.6	50	10	EI 120	U/U, C/U, U/C, C/C
	63	2.0 - 5.0	50	10	EI 60	U/U, C/U, U/C, C/C
	82	2.3 - 5.6	50	10	EI 60	U/U, C/U, U/C, C/C
	110	2.7 - 6.6	50	10	EI 60	U/U, C/U, U/C, C/C
	63	2.0 - 5.0	50	10	EI 120	U/C, C/C
	82	2.3 - 5.6	50	10	EI 120	U/C, C/C
	110	2.7 - 6.6	50	10	EI 120	U/C, C/C
	125	3.4 - 8.9	60	10	EI 120	U/C, C/C
	140	4.1 - 11.2	60	10	EI 120	U/C, C/C
	160	4.9 - 14.6	60	10	EI 180	U/C, C/C
	200	4.9 - 18.2	60	10	EI 120	C/C
	250	15.1 - 22.7	75	10	EI 60	C/C
315	28.6	75	10	EI 60	C/C	
400	9.8 - 22.7	100	10	EI 30	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

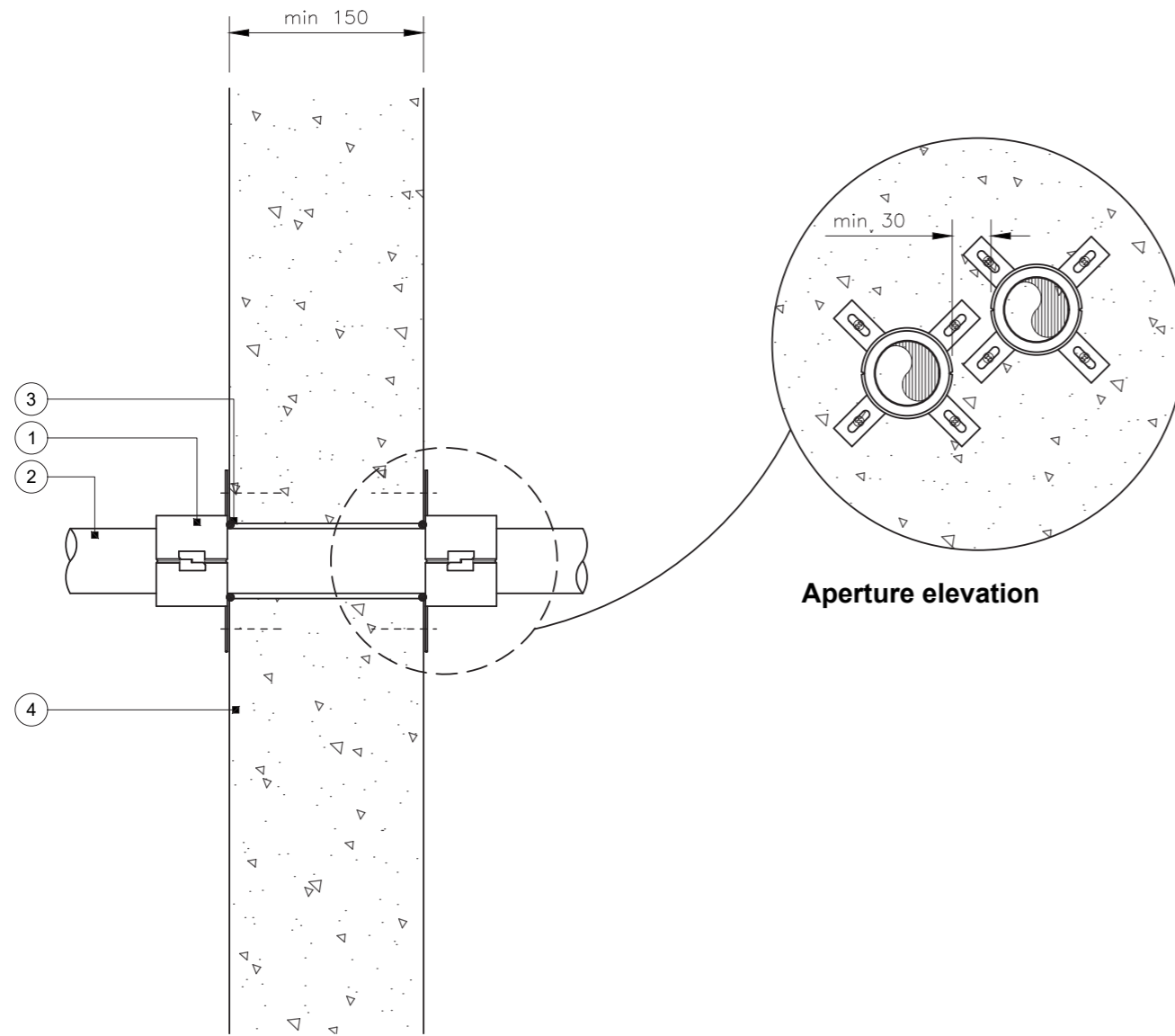
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-155

Revision: -



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to both sides of rigid wall
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 50	2.0 - 3.7	50	10	E 240, EI 180	U/U, C/U, U/C, C/C
	55	2.1 - 3.9	50	10	EI 180	U/U, C/U, U/C, C/C
	63	2.2 - 4.3	50	10	EI 180	U/U, C/U, U/C, C/C
	75	2.3 - 4.9	50	10	EI 180	U/U, C/U, U/C, C/C
	82	2.4 - 5.2	50	10	EI 180	U/U, C/U, U/C, C/C
	90	2.5 - 5.6	50	10	EI 180	U/U, C/U, U/C, C/C
	110	2.7 - 6.6	50	10	EI 180	U/U, C/U, U/C, C/C
	125	3.1 - 7.5	60	10	EI 240	U/U, C/U, U/C, C/C
	140	3.5 - 8.4	60	10	EI 240	U/U, C/U, U/C, C/C
	160	4.0 - 9.5	60	10	EI 240	U/U, C/U, U/C, C/C
	315	9.2	75	10	EI 120	C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

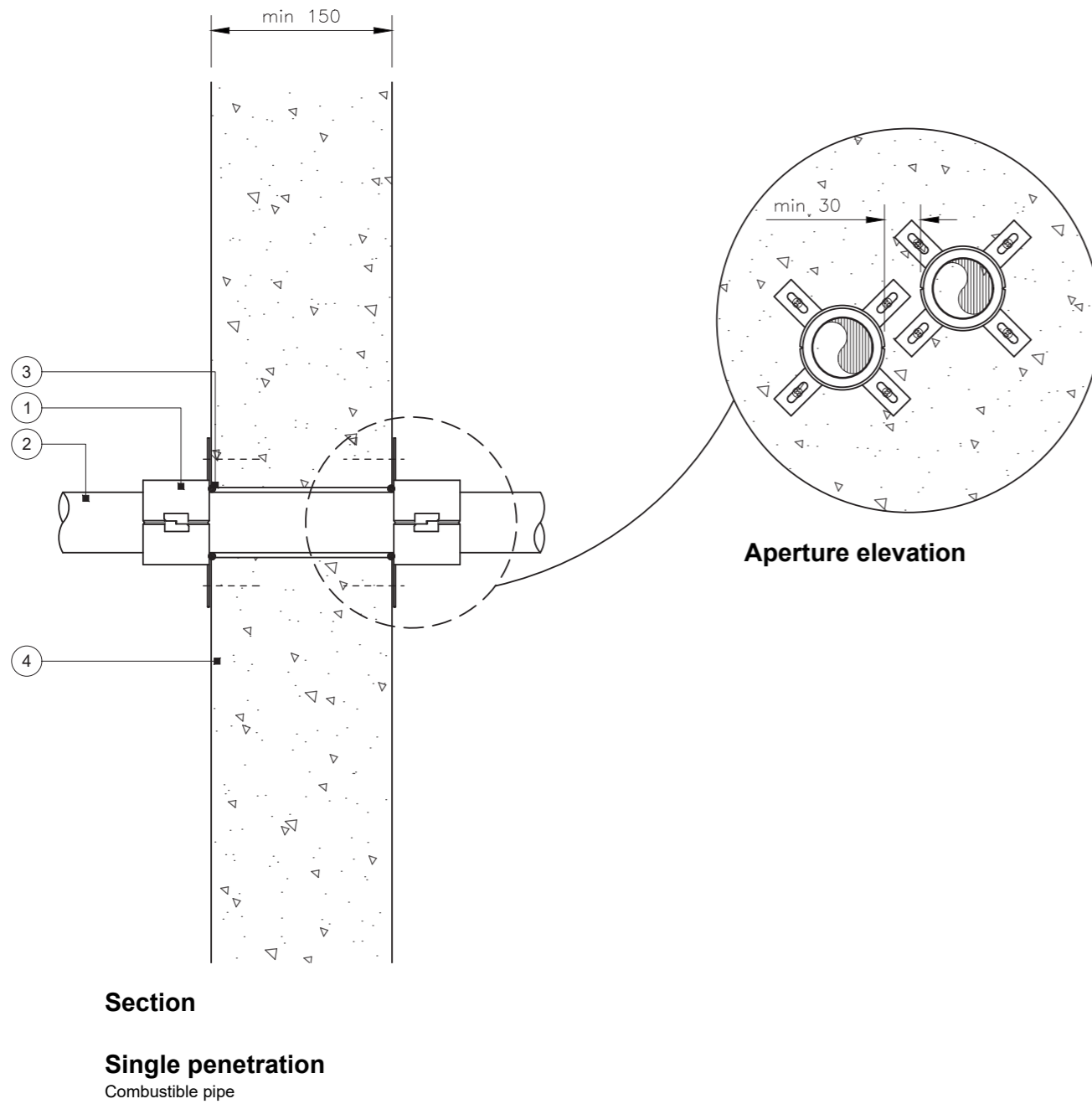
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-200

Revision: -

Detail 24 – Gyproc Pipe Collar
PE, ABS, SAN+PVC and PE-x pipes – rigid wall



- 1 Gyproc Pipe Collar to both sides of rigid wall
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	50	10	EI 240	U/U, C/U, U/C, C/C
	55	3.1 - 4.8	50	10	E 180, EI 120	U/C, C/C
	63	3.1 - 5.0	50	10	E 180, EI 120	U/C, C/C
	75	3.2 - 5.4	50	10	E 180, EI 120	U/C, C/C
	82	3.2 - 5.7	50	10	E 180, EI 120	U/C, C/C
	90	3.3 - 5.9	50	10	E 180, EI 120	U/C, C/C
	110	3.4 - 6.6	50	10	E 180, EI 120	U/C, C/C
	125	3.8 - 7.5	60	10	E 180, EI 120	U/C, C/C
	140	4.3 - 8.3	60	10	E 180, EI 120	U/C, C/C
	160	4.9 - 9.5	60	10	EI 180	U/U, C/U, U/C, C/C
	200	18.2	75	10	EI 60	C/C
	250	22.7	75	10	E 120, EI 190	C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

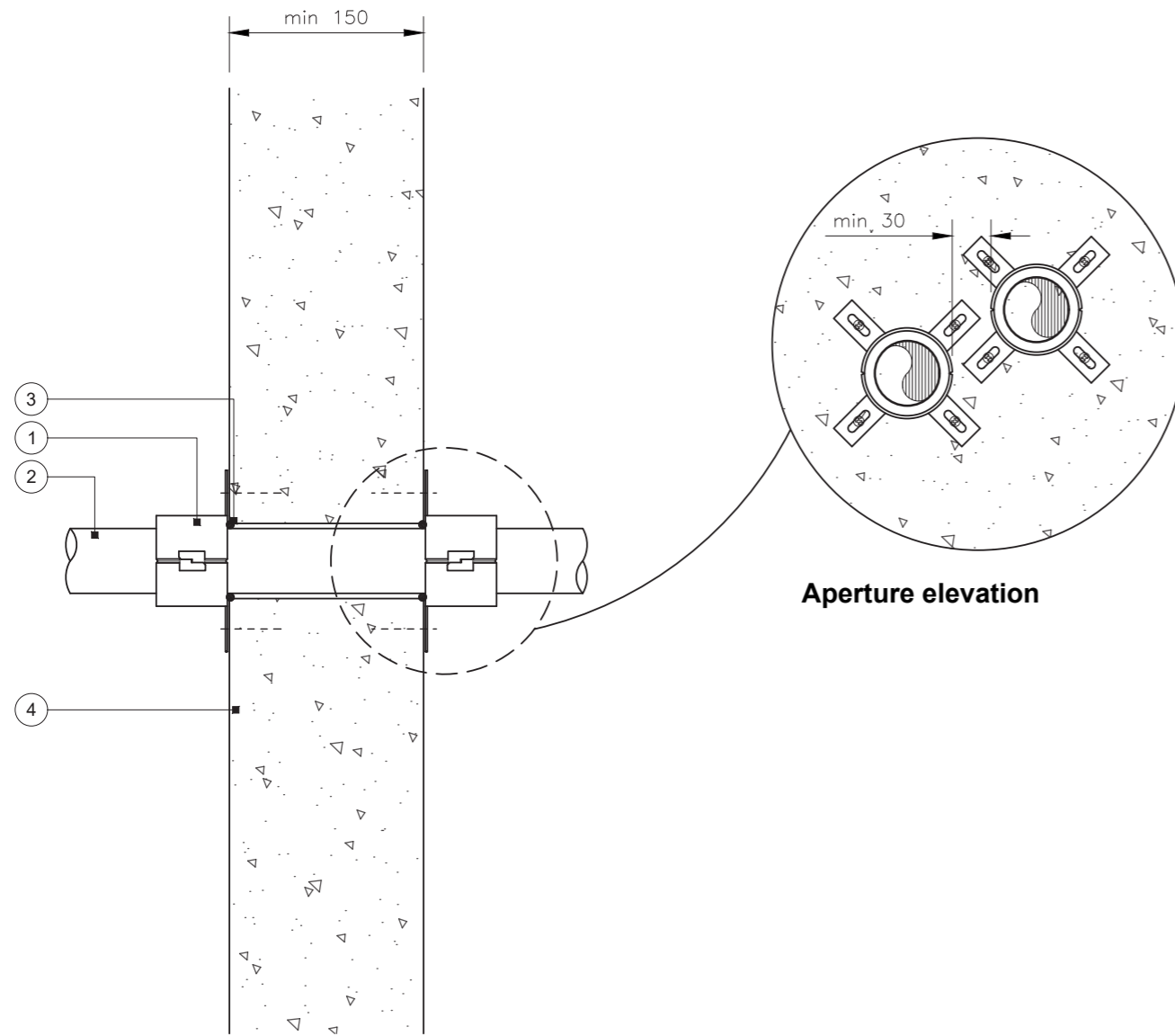
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-201

Revision: -



Section

Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to both sides of rigid wall
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	1.6 - 5.5	50	10	EI 240	U/C, C/C
	55	1.7 - 5.9	50	10	EI 240	U/C, C/C
	63	1.8 - 6.5	50	10	EI 240	U/C, C/C
	75	2.1 - 7.3	50	10	EI 240	U/C, C/C
	82	2.2 - 7.9	50	10	EI 240	U/C, C/C
	90	2.3 - 8.5	50	10	EI 240	U/C, C/C
	110	2.7 - 10.0	50	10	EI 240	U/C, C/C
	125	3.3 - 11.4	60	10	E 240, EI 180	U/C, C/C
	140	4.0 - 12.8	60	10	E 240, EI 180	U/C, C/C
	160	4.9 - 14.6	60	10	E 240, EI 180	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

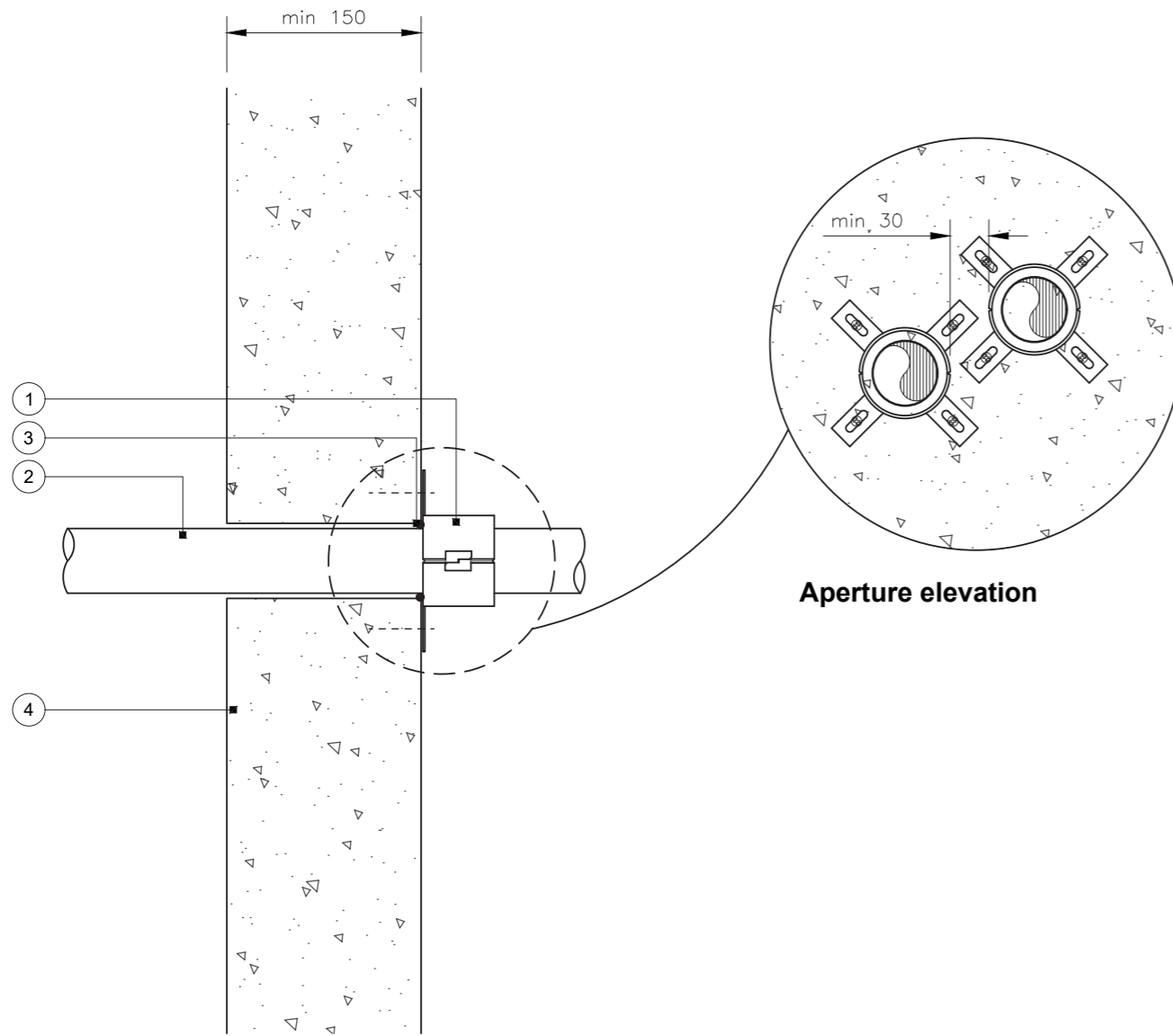
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-202

Revision: -

Detail 26 – Gyproc Pipe Collar single side
PVCu pipes – rigid wall



Section

Single penetration
Combustible pipe

- 1 Gyproc Pipe Collar to both sides of rigid wall
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	≤ 50	1.6 - 5.5	50	10	EI 240	U/C, C/C
	55	1.7 - 5.9	50	10	EI 240	U/C, C/C
	63	1.8 - 6.5	50	10	EI 240	U/C, C/C
	75	2.1 - 7.3	50	10	EI 240	U/C, C/C
	82	2.2 - 7.9	50	10	EI 240	U/C, C/C
	90	2.3 - 8.5	50	10	EI 240	U/C, C/C
	110	2.7 - 10.0	50	10	EI 240	U/C, C/C
	125	3.3 - 11.4	60	10	E 240, EI 180	U/C, C/C
	140	4.0 - 12.8	60	10	E 240, EI 180	U/C, C/C
	160	4.9 - 14.6	60	10	E 240, EI 180	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

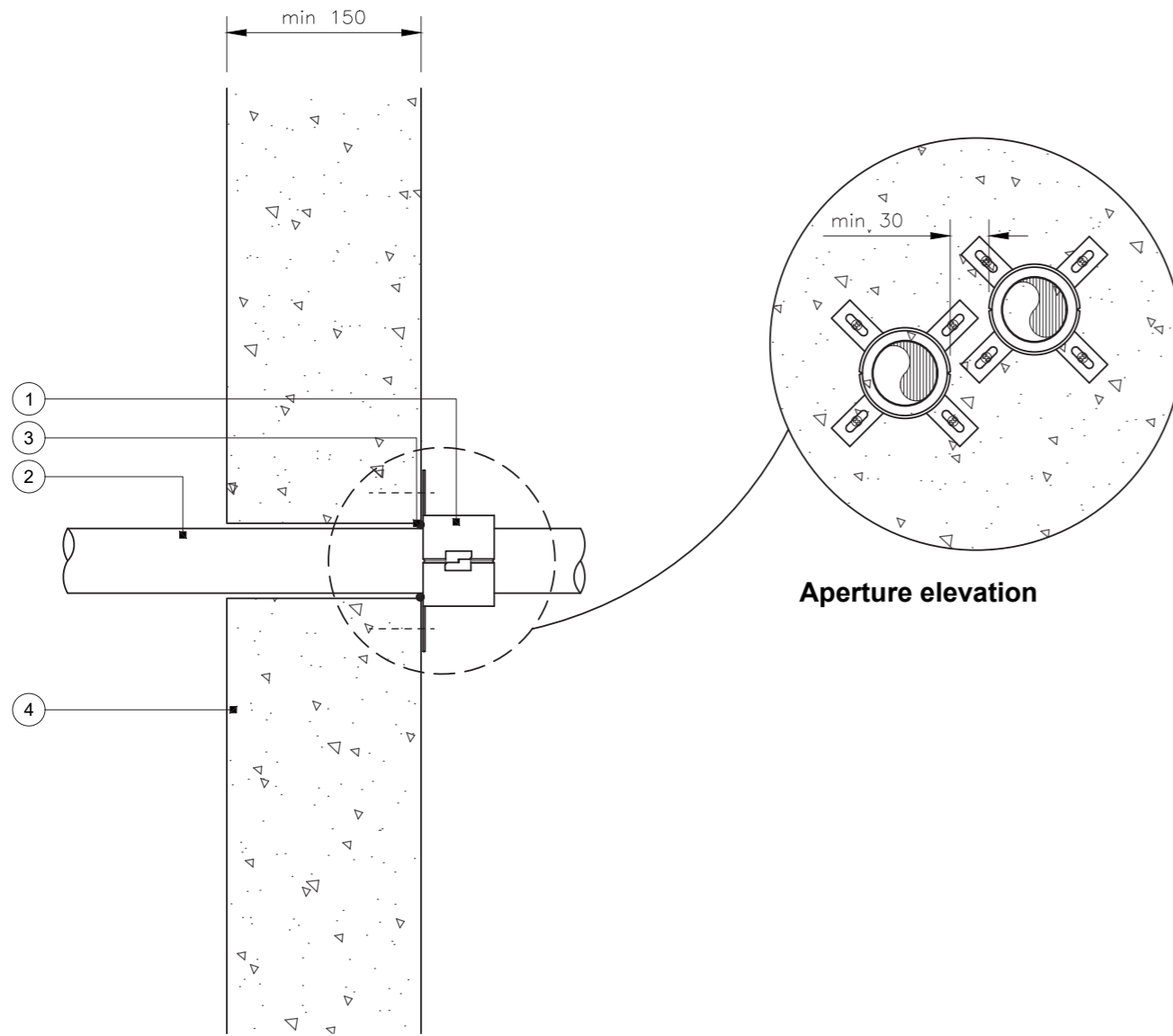
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-202

Revision: -

Detail 27 – Gyproc Pipe Collar single side
PE, ABS, SAN+PVC and PE-x pipes – rigid wall



Section

Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to single side only
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps ≤ 7 mm to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap from one side
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 50	3.0 - 4.6	50	10	E 180, EI 120	U/C, C/C
	55	3.1 - 4.7	50	10	EI 90	U/C, C/C
	63	3.1 - 4.9	50	10	EI 90	U/C, C/C
	75	3.2 - 5.3	50	10	EI 90	U/C, C/C
	82	3.2 - 5.5	50	10	EI 90	U/C, C/C
	90	3.3 - 5.7	50	10	EI 90	U/C, C/C
	110	3.4 - 6.3	50	10	EI 90	U/C, C/C
	55	3.6 - 5.5	50	10	EI 60	U/C, C/C
	63	4.1 - 6.4	50	10	EI 60	U/C, C/C
	75	4.7 - 7.3	50	10	EI 60	U/C, C/C
82	5.3 - 8.2	50	10	EI 60	U/C, C/C	
90	5.8 - 9.1	50	10	EI 60	U/C, C/C	
110	6.4 - 10.0	50	10	EI 60	U/C, C/C	

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

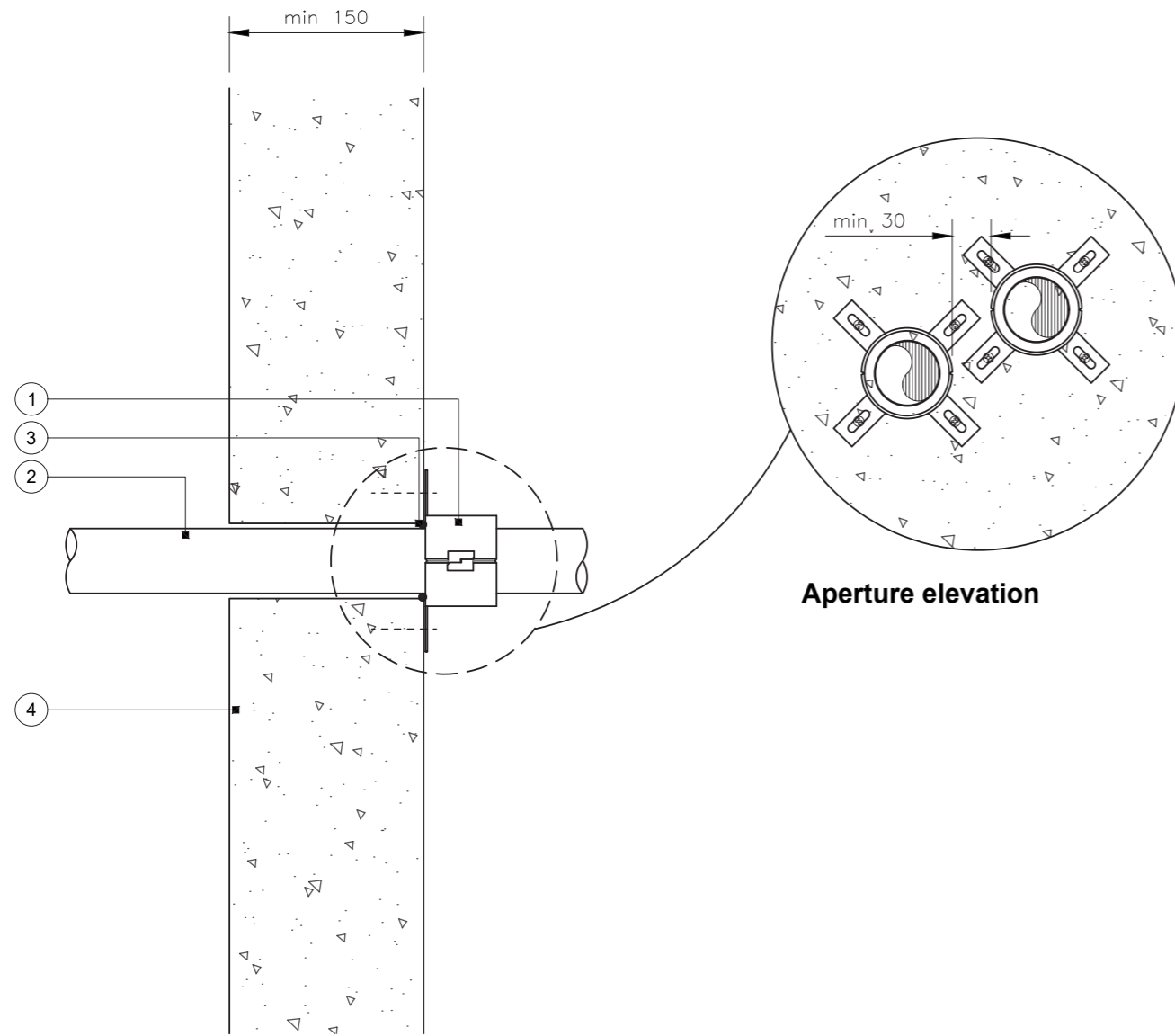
Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-251

Revision: -



Single penetration

Combustible pipe

- 1 Gyproc Pipe Collar to single side only
- 2 Combustible pipe supported from both sides of rigid wall at a maximum 300mm distance from the substrate surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Indicative rigid wall construction as defined in the UKTA

Installation guidance

- Annular gaps $\leq 7\text{mm}$ to receive a bead of Gyproc Acrylic Fire Sealant on the surface of the substrate to cover the annular gap from one side
- For gaps 8mm or above, the seal must be plugged with 20mm deep Gyproc Acrylic Fire Sealant on 20mm deep backing of 40 kg/m³ stonewool, alternatively 40mm deep Gyproc Acrylic Fire Sealant with no backing
- Open Gyproc Pipe Collar and place around pipe. Ensure collar shell and fixing lugs are positioned tightly against substrate surface and close collar
- Fix Gyproc Pipe Collar to substrate with suitable length fixings
- Refer to Gyproc Acrylic Fire Sealant and Gyproc Pipe Collar Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-25/0024

Service Separation:
30mm between similar services treated with Gyproc Pipe Collar
50mm between different service types

SERVICES APERTURE						
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	32	2.0 - 4.6	50	10	EI 90	U/C, C/C
	40	2.0 - 4.6	50	10	EI 90	U/C, C/C
	50	2.0 - 4.6	50	10	EI 90	U/C, C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

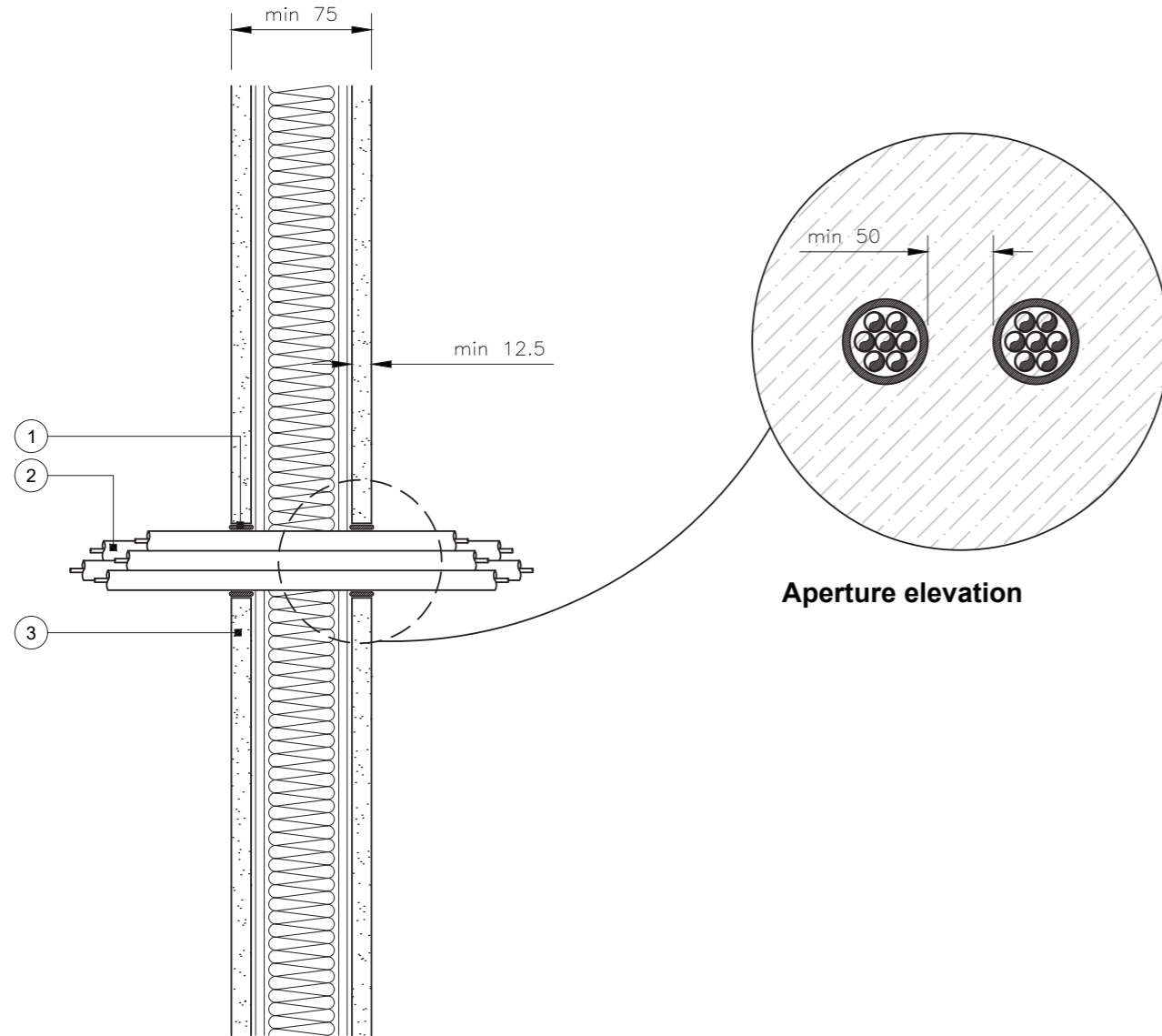
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-631-252

Revision: -

Detail 29 – Gyproc Acrylic Fire Sealant
Cables – single layer 75 mm partition



Section

Single penetration
Cables

- 1 Gyproc Acrylic Fire Sealant. Minimum seal depth 12.5mm
- 2 Cable bundle supported from both sides of partition at a maximum 350mm distance from partition surface
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Surfaces that cannot tolerate direct contact with Gyproc Acrylic Fire Sealant should receive appropriate surface preparation. For paints sensitive to sealing compounds, priming with a PVA primer is recommended
- Exposed edges of gypsum boards can be wetted with water, or Gyproc Acrylic Fire Sealant diluted with water to prime surfaces helping adhesion and preventing excessive joint shrinkage
- Fill gap with Gyproc Acrylic Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush
- Refer to Gyproc Acrylic Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0019

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:
50mm between similar services treated with Gyproc Acrylic Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE				
SERVICE TYPE	SEALANT DEPTH (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM SEAL SIZE (mm)	CLASSIFICATION
≤ Ø 21 cables	12.5	10	150 x 150	E 60, EI 30
≤ Ø 21 cables in a bundle ≤ Ø 100mm	12.5	10	150 x 150	EI 30

Cables can be 0mm to the bottom edge of aperture with min 10mm annular gap above

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

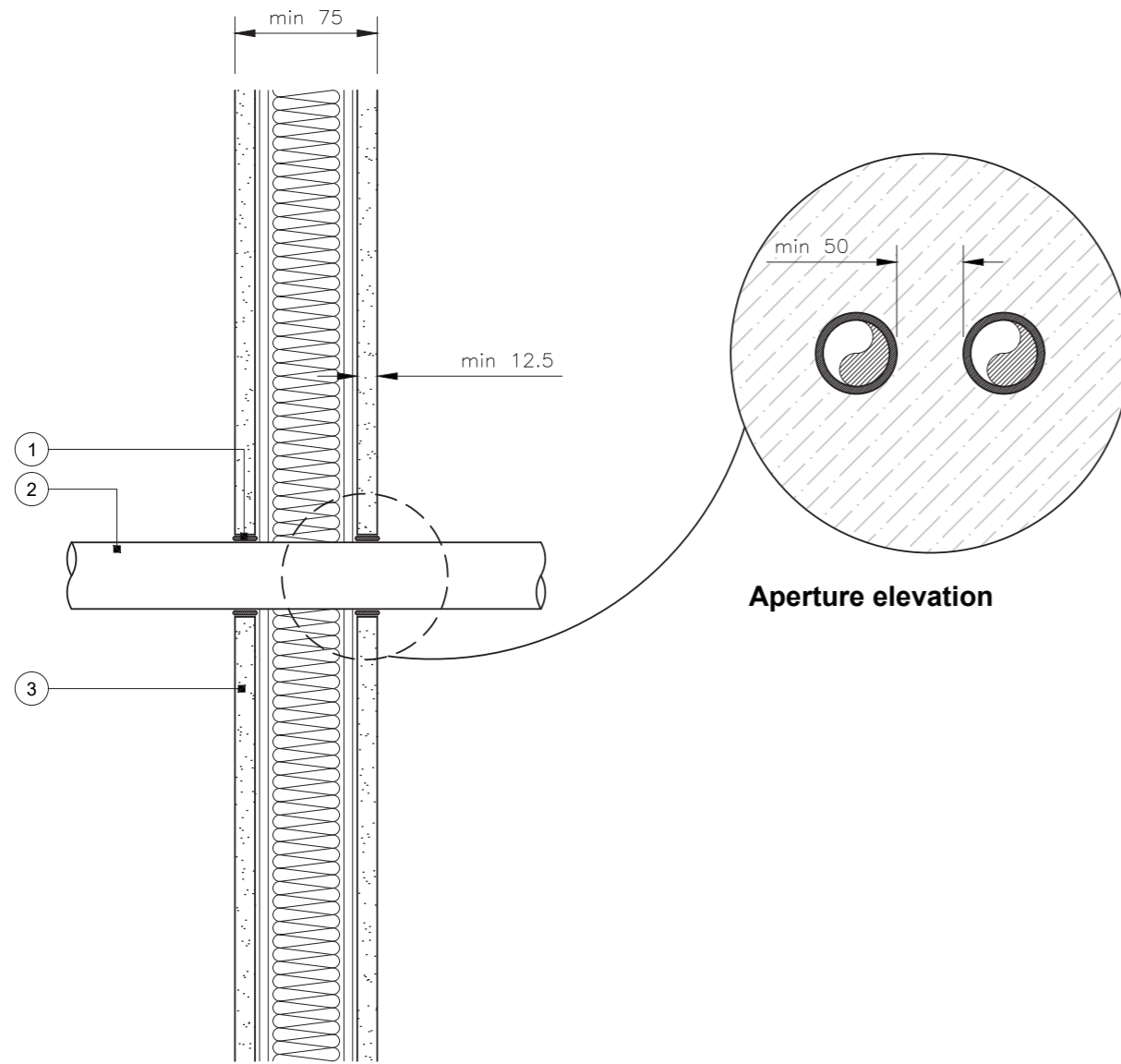
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-632-001

Revision: -

Detail 30 – Gyproc Acrylic Fire Sealant
Non-combustible pipes – single layer 75 mm partition



Section

Single penetration
Non combustible pipe

- 1 Gyproc Acrylic Fire Sealant. Minimum seal depth 12.5mm
- 2 Non combustible pipe supported from both sides of partition at a maximum 350mm distance from partition surface
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Surfaces that cannot tolerate direct contact with Gyproc Acrylic Fire Sealant should receive appropriate surface preparation. For paints sensitive to sealing compounds, priming with a PVA primer is recommended
- Exposed edges of gypsum boards can be wetted with water, or Gyproc Acrylic Fire Sealant diluted with water to prime surfaces helping adhesion and preventing excessive joint shrinkage
- As Gyproc Acrylic Fire Sealant is water based, in cases where corrosion protection is a problem; some metals may require a barrier between sealant and metal surface
- Fill gap with Gyproc Acrylic Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush
- Refer to Gyproc Acrylic Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0019

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:
50mm between similar services treated with Gyproc Acrylic Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEALANT DEPTH (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM SEAL SIZE (mm)	CLASSIFICATION	PIPE CONFIGURATION
Steel	≤ 22	0.7 - 11	12.5	10	150 x 150	E 60, EI 30	C/U

Pipe can be 0mm to the bottom edge of aperture with min 10mm annular gap above
If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

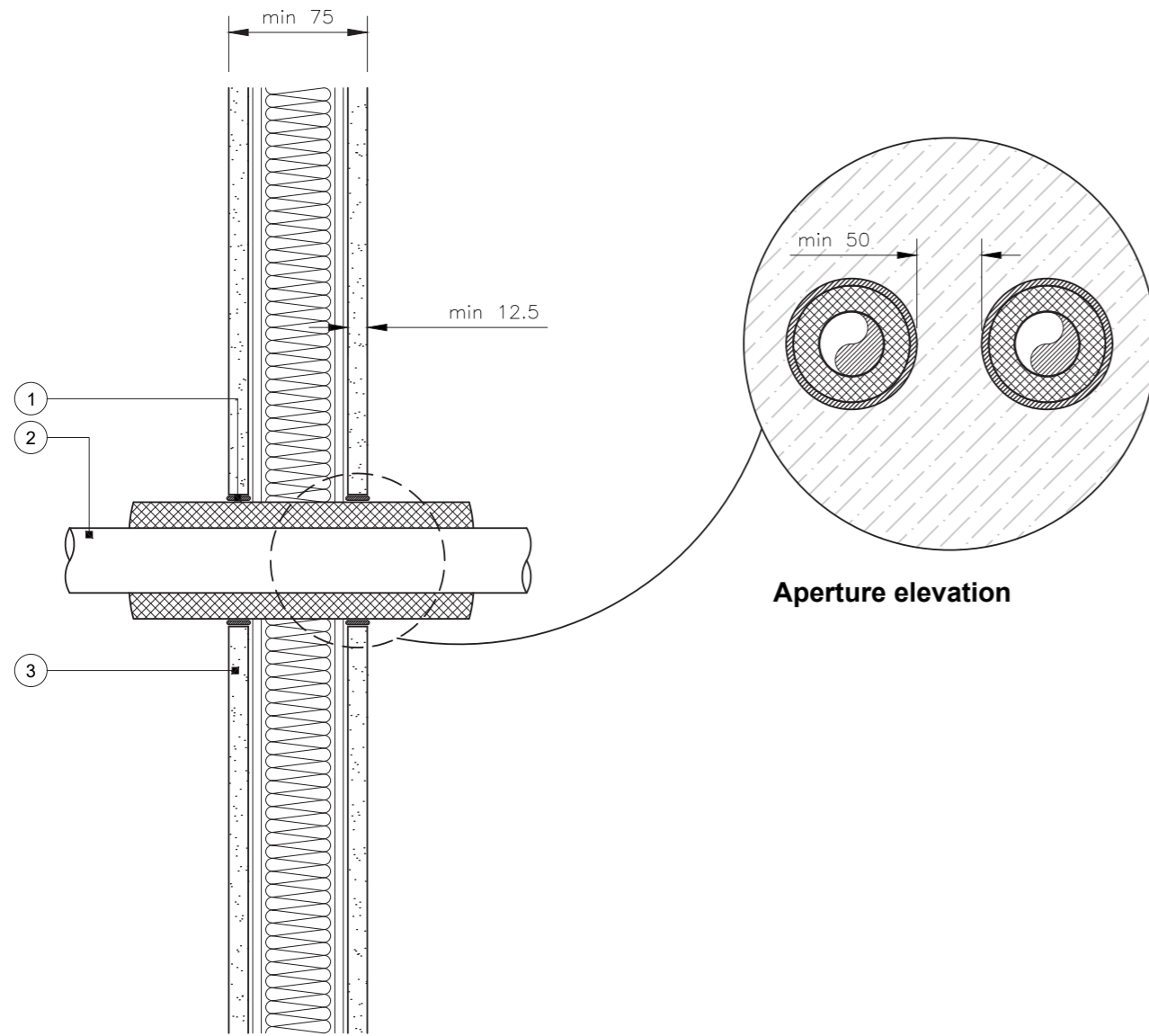
Approved: JMC / MKF

Dwg No.: CN-632-002

Revision: -

Detail 31 – Gyproc Acrylic Fire Sealant

Non-combustible pipe with stone wool insulation – single layer 75 mm partition



Section

Single penetration

Non-combustible pipe with stone mineral wool insulation

- 1 Gyproc Acrylic Fire Sealant. Minimum seal depth 12.5mm
- 2 Non-combustible pipe with minimum 30mm thick Continued Sustained - CS stone mineral wool insulation 80kg/m³ supported from both sides of partition at a maximum 350mm distance from partition surface
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Surfaces that cannot tolerate direct contact with Gyproc Acrylic Fire Sealant should receive appropriate surface preparation. For paints sensitive to sealing compounds, priming with a PVA primer is recommended
- Exposed edges of gypsum boards can be wetted with water, or Gyproc Acrylic Fire Sealant diluted with water to prime surfaces helping adhesion and preventing excessive joint shrinkage
- As Gyproc Acrylic Fire Sealant is water based, in cases where corrosion protection is a problem; some metals may require a barrier between sealant and metal surface
- Fill gap with Gyproc Acrylic Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush
- Refer to Gyproc Acrylic Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0019

Minimum 75mm partition thickness comprising steel or timber studs with minimum one layer 12.5mm board both sides of framing

Service Separation:

50mm between similar services treated with Gyproc Acrylic Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	INSULATION TYPE *	SERVICE SIZE (mm)	WALL THICKNESS (mm)	SEALANT DEPTH (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM SEAL SIZE (mm)	CLASSIFICATION	PIPE CONFIGURATION
Steel	30mm stone mineral wool	≤ Ø 324	1.0 - 14.2	12.5	10	≤ Ø 344	E 60, EI 30	C/U

* Pipe insulation Continued Sustained - CS

Pipe can be 0mm to the bottom edge of aperture with min 10mm annular gap above

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

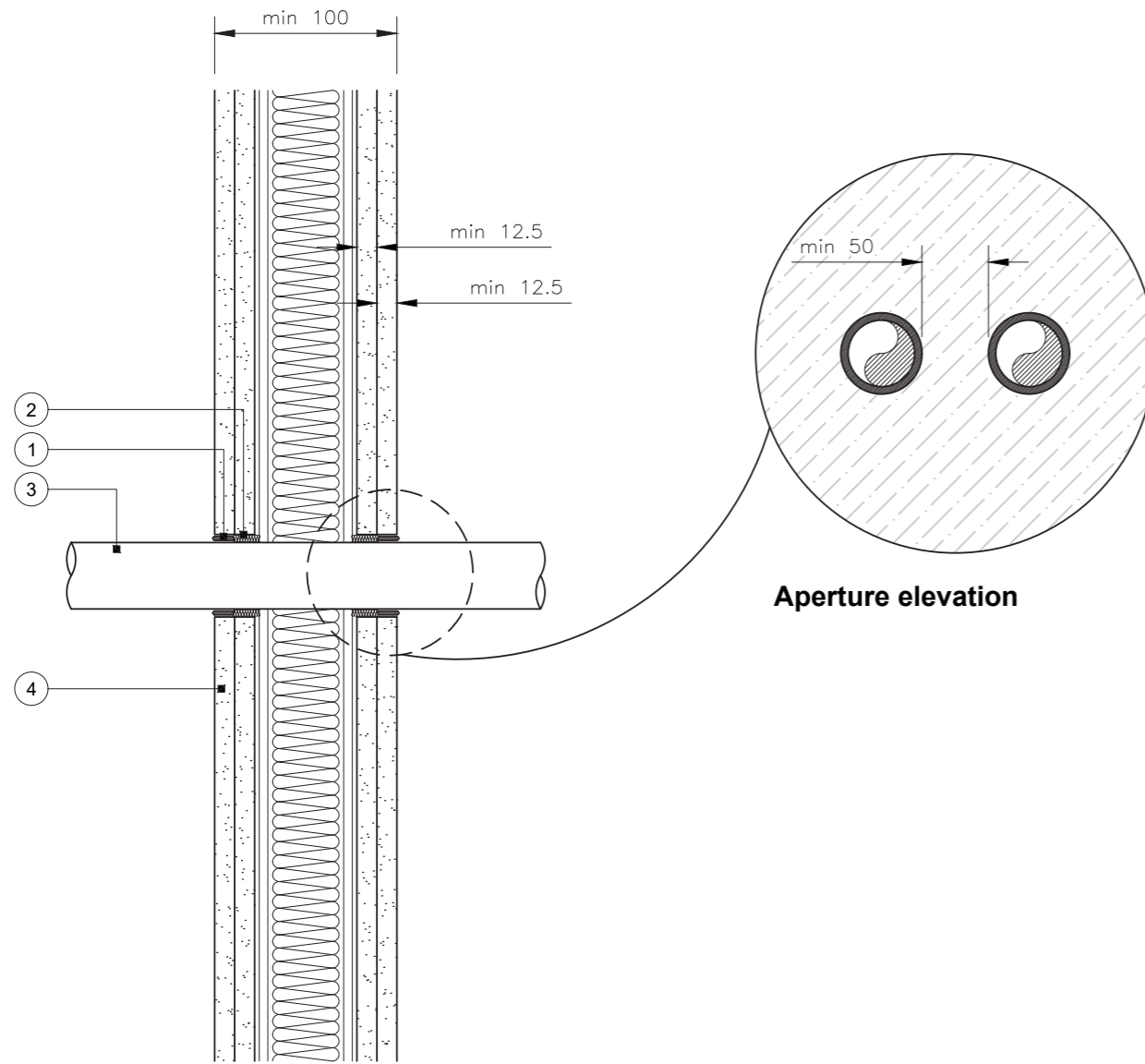
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-632-003

Revision: -

Detail 32 – Gyproc Acrylic Fire Sealant
Non-combustible pipe – double layer 100 mm partition



Section

Single penetration
Non-combustible pipe

- 1 Gyproc Acrylic Fire Sealant. Minimum seal depth 12.5mm
- 2 Stone mineral wool 35 kg/m³ minimum density backing
- 3 Non-combustible pipe supported from both sides of partition at a maximum 350mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Surfaces that cannot tolerate direct contact with Gyproc Acrylic Fire Sealant should receive appropriate surface preparation. For paints sensitive to sealing compounds, priming with a PVA primer is recommended
- Exposed edges of gypsum boards can be wetted with water, or Gyproc Acrylic Fire Sealant diluted with water to prime surfaces helping adhesion and preventing excessive joint shrinkage
- As Gyproc Acrylic Fire Sealant is water based, in cases where corrosion protection is a problem; some metals may require a barrier between sealant and metal surface
- Insert stone mineral wool 35 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Acrylic Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush
- Refer to Gyproc Acrylic Fire Sealant Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-25/0019

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
50mm between similar services treated with Gyproc Acrylic Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE							
SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEALANT DEPTH (mm) & STONE MINERAL WOOL BACKING 35 kg/m ³ (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM SEAL SIZE (mm)	CLASSIFICATION	PIPE CONFIGURATION
Steel	≤ 30	1.0 - 14.2	12.5 & 12.5	10	300 x 300	EI 90	C/C
	30	2.0 - 14.2	12.5 & 12.5	10	300 x 300	EI 120	C/U
Copper	≤ 12	0.7 - 6.0	12.5 & 12.5	10	300 x 300	E 90, EI 60	C/C
	13 - 22	0.7 - 11.0	12.5 & 12.5	10	300 x 300	E90, EI 30	C/C

Pipe can be 0mm to the bottom edge of aperture with min 10mm annular gap above
If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

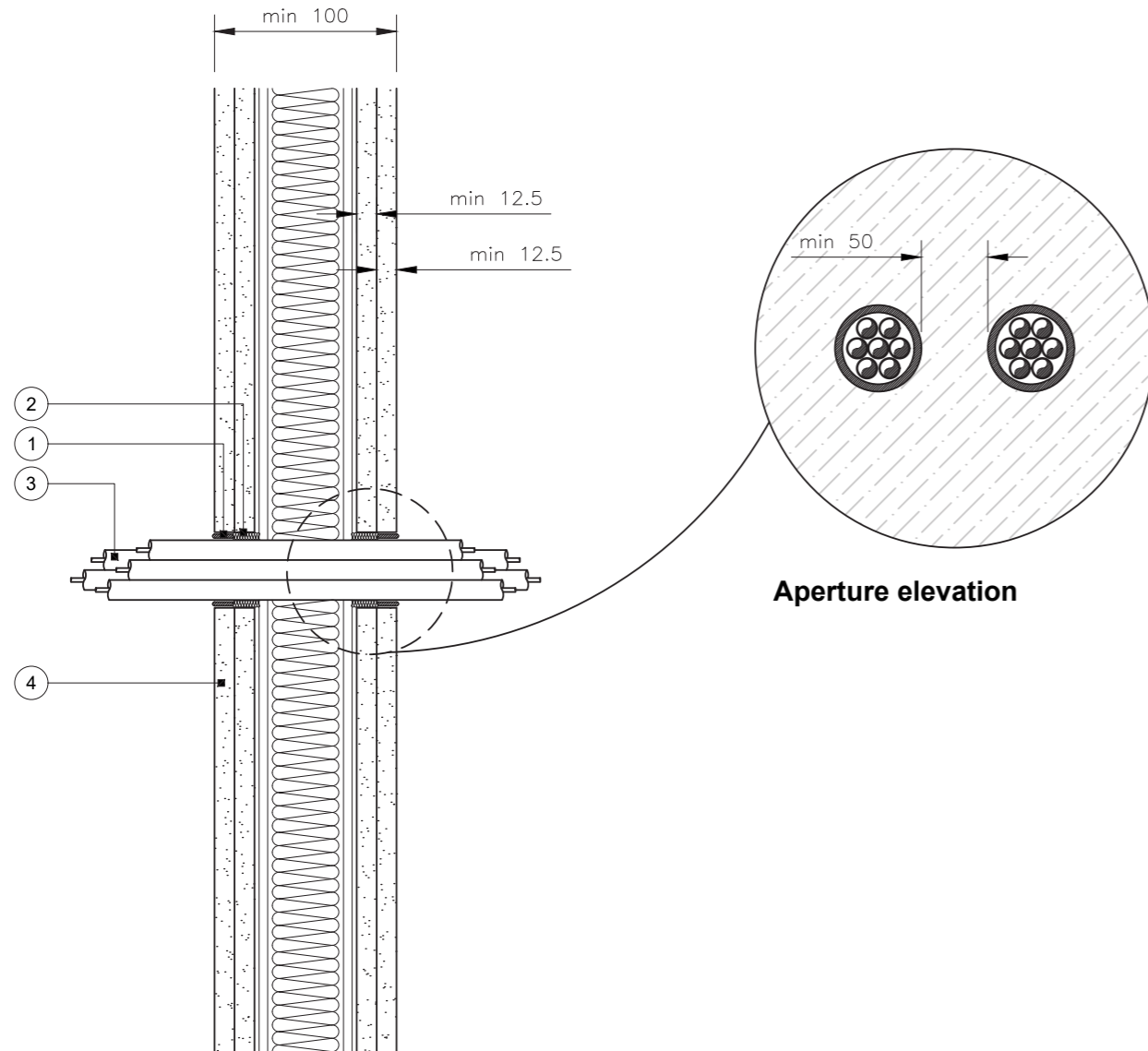
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-632-050

Revision: -

Detail 33 – Gyproc Acrylic Fire Sealant
Cables – double layer 100 mm partition



Section

Single penetration
Cables

- 1 Gyproc Acrylic Fire Sealant. Minimum seal depth 12.5mm
- 2 Stone mineral wool 40 kg/m³ minimum density backing
- 3 Cable bundle supported from both sides of partition at a maximum 350mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Surfaces that cannot tolerate direct contact with Gyproc Acrylic Fire Sealant should receive appropriate surface preparation. For paints sensitive to sealing compounds, priming with a PVA primer is recommended
- Exposed edges of gypsum boards can be wetted with water, or Gyproc Acrylic Fire Sealant diluted with water to prime surfaces helping adhesion and preventing excessive joint shrinkage
- Insert stone mineral wool 40 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Acrylic Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush
- Refer to Gyproc Acrylic Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0019

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:

50mm between similar services treated with Gyproc Acrylic Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SEALANT DEPTH (s) (mm) & STONE MINERAL WOOL BACKING 40 kg/m ³ (b) (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM SEAL SIZE (mm)	CLASSIFICATION
≤ Ø 21 cables	12.5 (s) & 12.5 (b)	10	300 x 300	E 120, EI 90
≤ Ø 21 cables in a bundle ≤ Ø 100mm	25 (s) & 20 (b)	10	300 x 300	EI 120

Cables can be 0mm to the bottom edge of aperture with min 10mm annular gap above

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

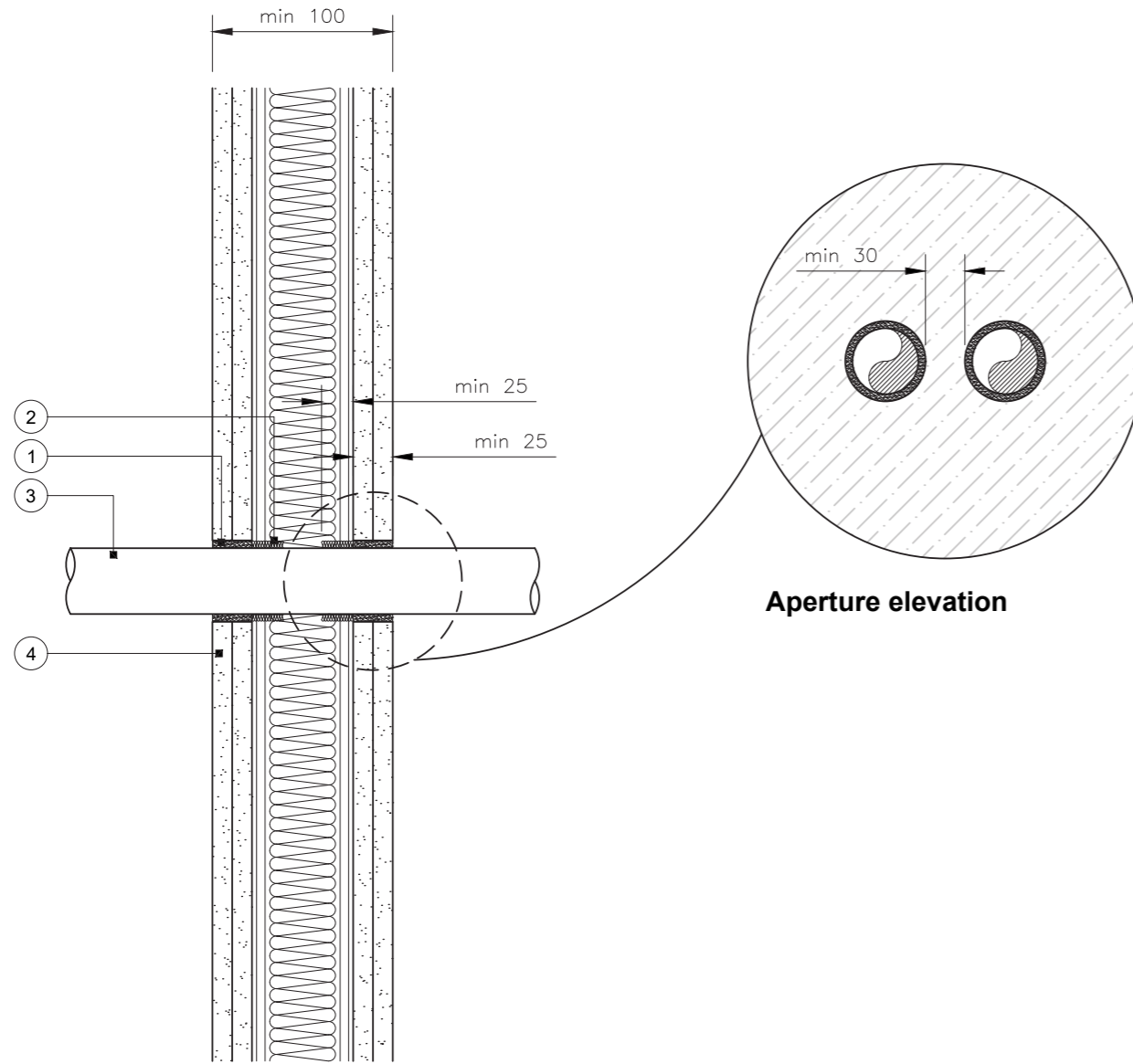
Dwg No.: CN-632-051

Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 34 – Gyproc Acrylic Fire Sealant
PVCu pipes – double layer 100 mm partition



Section

Single penetration
Combustible pipe

- 1 Gyproc Graphite Fire Sealant. Minimum seal depth 25mm
- 2 Stone mineral wool 35 kg/m³ minimum density backing. Minimum seal depth 25mm
- 3 Combustible pipe supported from both sides of partition at a maximum 250mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Insert stone mineral wool 35 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Graphite Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush. Avoid excessive smoothing as this may make surface wet and soft
- Refer to Gyproc Graphite Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0025

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Graphite Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEALANT DEPTH (mm)	BACKING DEPTH STONEWOOL Min. 35 kg/m ³ (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM ANNULAR GAP (mm)	PIPE ARRANGEMENT	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 40	1.9 - 3.7	25	25	10	30	Cluster	EI 120	U/C, C/C
	≤ 110	2.7 - 6.7	25	25	10	30	Cluster	EI 120	U/C, C/C
	160	3.2 - 9.5	25	N/A	10	30	Cluster	EI 30	U/C, C/C
	160	9.5	25	N/A	10	30	Cluster	EI 90	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

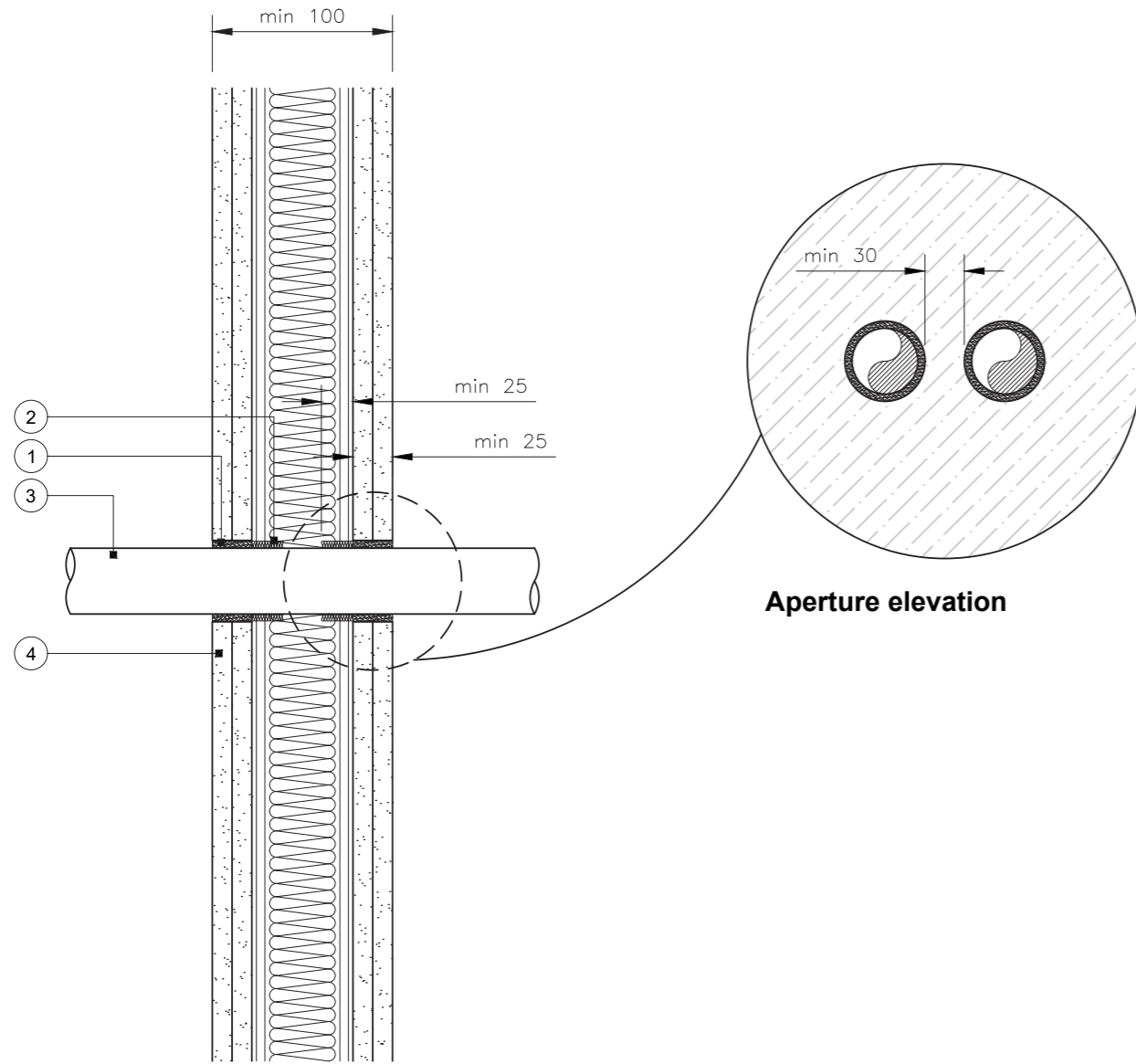
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-633-001

Revision: -

Detail 35 – Graphite Fire Sealant
PVCu pipes – double layer 100 mm partition



Section

Single penetration
Combustible pipe

- 1 Gyproc Graphite Fire Sealant.
Minimum seal depth 25mm
- 2 Stone mineral wool 35 kg/m³ minimum density backing
Minimum seal depth 25mm
- 3 Combustible pipe supported from both sides of partition at a maximum 250mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Insert stone mineral wool 35 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Graphite Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush. Avoid excessive smoothing as this may make surface wet and soft
- Refer to Gyproc Graphite Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0025

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Graphite Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEALANT DEPTH (mm)	BACKING DEPTH STONEWOOL Min. 35 kg/m ³ (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM ANNULAR GAP (mm)	PIPE ARRANGEMENT	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	≤ 40	1.9 - 3.7	25	25	10	30	Cluster	EI 120	U/C, C/C
	≤ 110	2.7 - 6.7	25	25	10	30	Cluster	EI 120	U/C, C/C
	160	3.2 - 9.5	25	N/A	10	30	Cluster	EI 30	U/C, C/C
	160	9.5	25	N/A	10	30	Cluster	EI 90	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

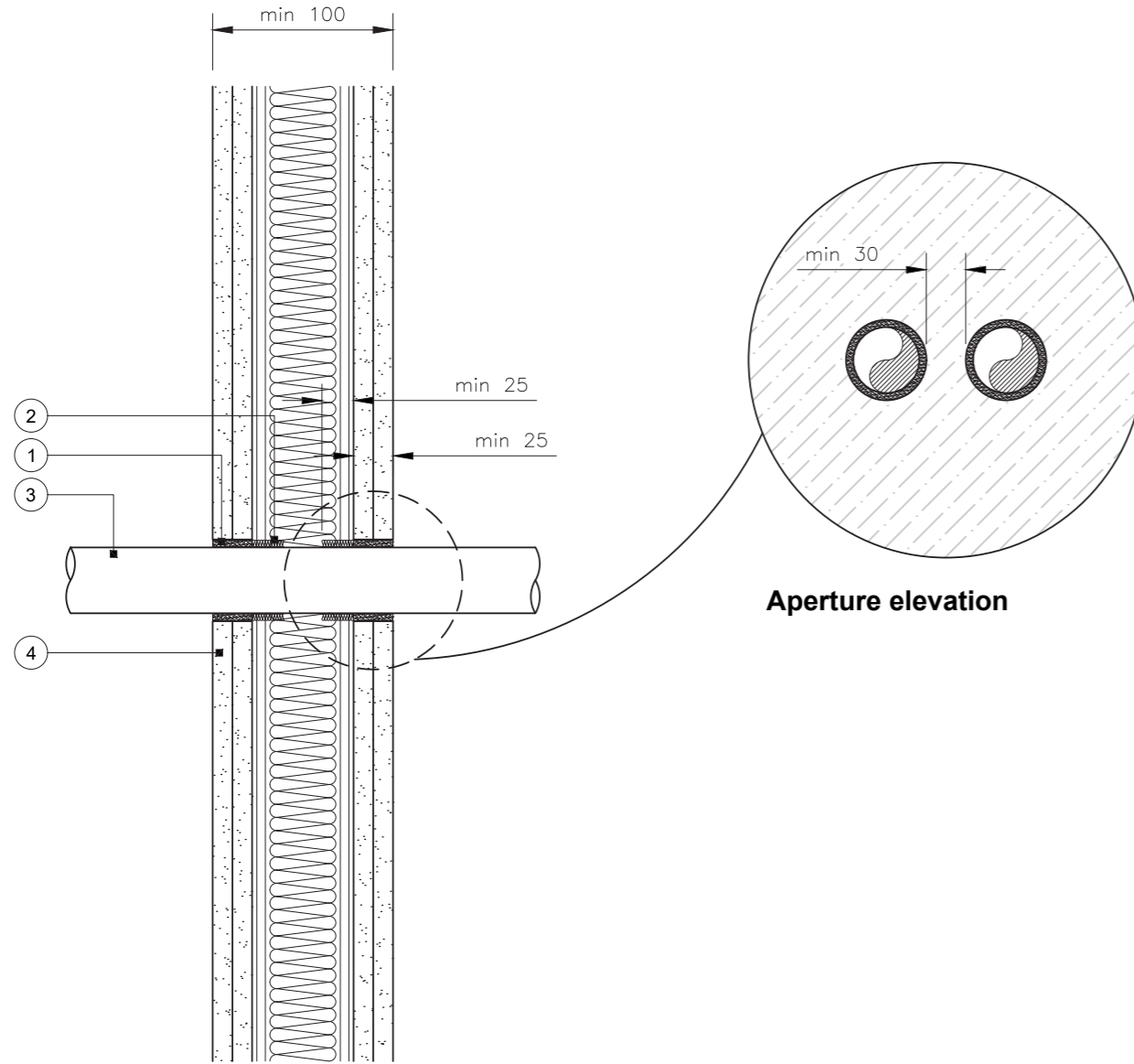
Approved: JMC / MKF

Dwg No.: CN-633-001

Revision: -

Detail 36 – Graphite Fire Sealant

PE, ABS, SAN+PVC and PE-x pipes – double layer 100 mm partition



Section

Single penetration

Combustible pipe

- 1 Gyproc Graphite Fire Sealant. Minimum seal depth 25mm
- 2 Stone mineral wool 35 kg/m³ minimum density backing. Minimum seal depth 25mm
- 3 Combustible pipe supported from both sides of partition at a maximum 250mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Insert stone mineral wool 35 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Graphite Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush. Avoid excessive smoothing as this may make surface wet and soft
- Refer to Gyproc Graphite Fire Sealant Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-UKTA-25/0025

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Graphite Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE									
SERVICE TYPE	SERVICE SIZE (Ø mm)	SERVICE WALL THICKNESS (mm)	SEALANT DEPTH (mm)	BACKING DEPTH STONEWOOL Min. 35 kg/m ³ (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM ANNULAR GAP (mm)	PIPE ARRANGEMENT	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	≤ 40	2.4 - 3.7	25	25	10	30	Cluster	EI 60	U/C, C/C
	≤ 110	4.3 - 10.0	25	25	10	30	Cluster	EI 60	U/C, C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

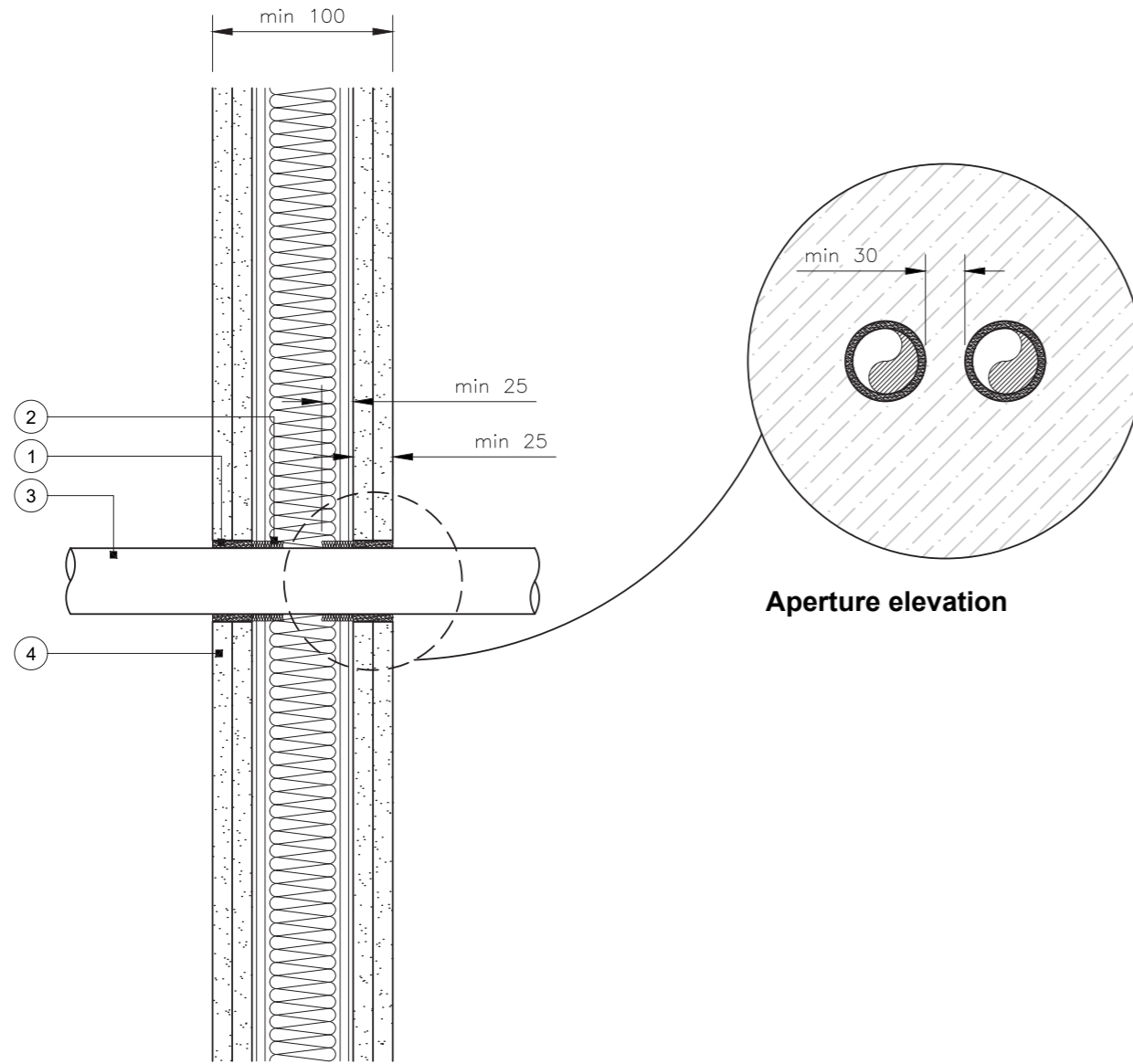
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-633-002

Revision: -

Detail 37 – Graphite Fire Sealant
PP pipes – double layer 100 mm partition



Section

Single penetration
Combustible pipe

- 1 Gyproc Graphite Fire Sealant.
Minimum seal depth 25mm
- 2 Stone mineral wool 35 kg/m³ minimum density backing
Minimum seal depth 25mm
- 3 Combustible pipe supported from both sides of partition at a maximum 250mm distance from partition surface
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Insert stone mineral wool 35 kg/m³ minimum density, cut slightly oversized to opening for tight friction fit. Ensure correct depth is achieved
- Fill gap with Gyproc Graphite Fire Sealant to required depth
- Apply sealant generously to prevent air bubbles. Tool to smooth finish with moist spatula, pallet knife or brush. Avoid excessive smoothing as this may make surface wet and soft
- Refer to Gyproc Graphite Fire Sealant Safety Data Sheet (SDS)

! Important information

UKTA Reference 0843-UKTA-25/0025

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Graphite Fire Sealant
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEALANT DEPTH (mm)	BACKING DEPTH STONEWOOL Min. 35 kg/m ³ (mm)	MINIMUM ANNULAR GAP (mm)	MAXIMUM ANNULAR GAP (mm)	PIPE ARRANGEMENT	CLASSIFICATION	PIPE CONFIGURATION
PP	40	1.8 - 5.5	25	25	10	10	Cluster	EI 90	U/C, C/C
	110	6.6	25	25	30	30	Cluster	EI 120	U/C, C/C
	≤ 50	1.8 - 6.3	25	N/A	10	30	Cluster	EI 60	U/C, C/C
	≤ 110	2.7 - 6.3	25	N/A	10	30	Cluster	EI 60	U/C, C/C

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

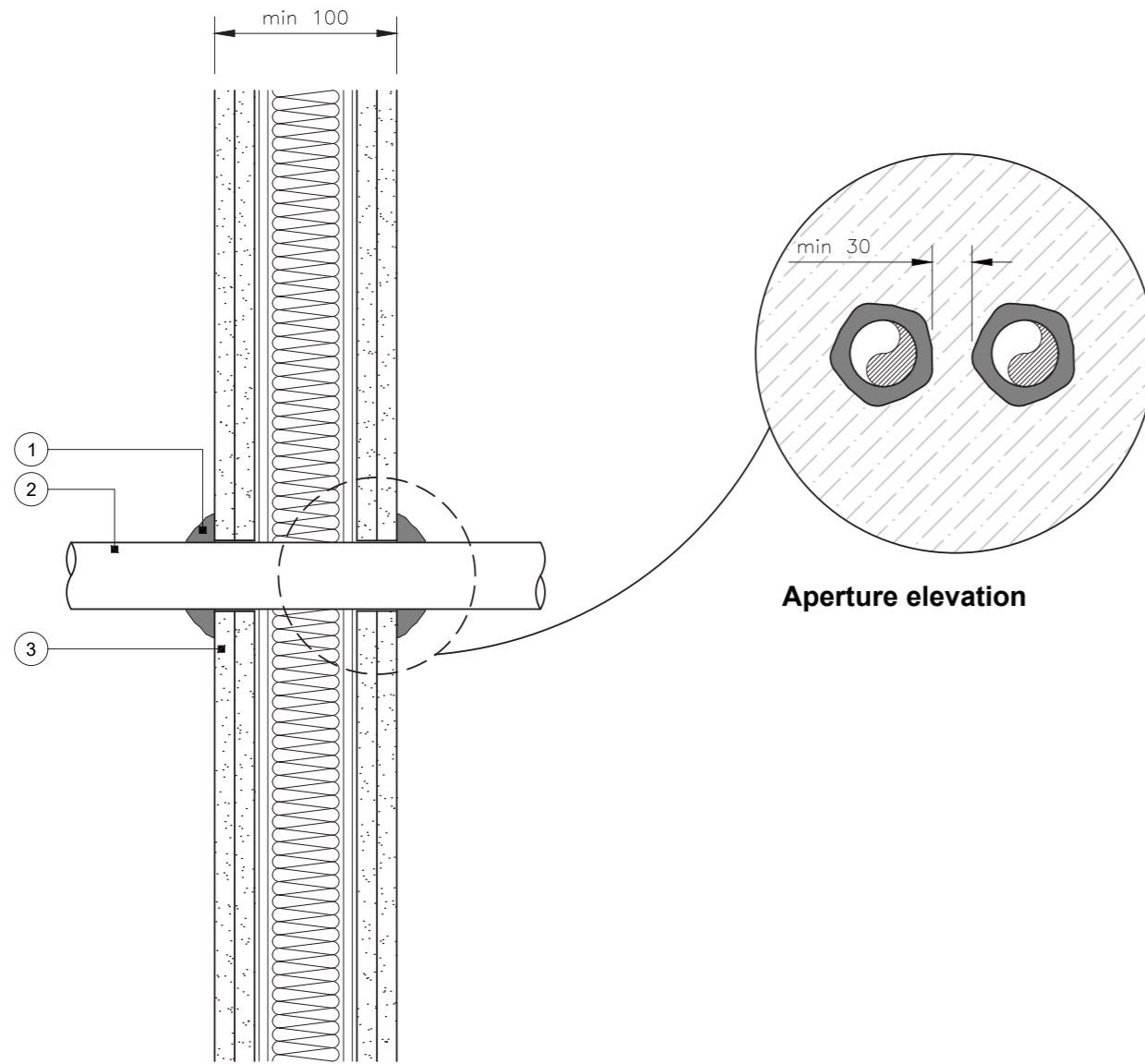
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-633-003

Revision: -

Detail 38 – Gyproc Fire Cord
Non-combustible pipes – double layer 100 mm partition



Section

Single penetration

Non combustible pipe

- 1 Gyproc Fire Cord on both sides oversailing the aperture
- 2 Non combustible pipe supported from both sides of partition at a maximum 300mm distance from partition surface
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Place Gyproc Fire Cord around services to form continuous seal with substrate surface
- Press Gyproc Fire Cord into substrate surface with your thumbs to form a fillet or 'V' shaped joint, ensuring continuous good contact is made to all surfaces
- Refer to Gyproc Fire Cord Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0026

Minimum 100mm partition thickness comprising steel or timber studs with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Fire Cord
100mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION	PIPE CONFIGURATION
Mild steel or stainless steel	6	0.6 - 3.0	10	EI 120	C/C
	22	2.0 - 11.0	10	EI 120	C/C
Steel	23	2.0 - 11.5	10	E120, EI 30	C/U, C/C
	30	2.0 - 14.2	10	E120, EI 30	C/U, C/C
Copper	6	0.6 - 3.0	10	EI 120	C/C
	7	0.6 - 3.0	10	EI 120, EI 60	C/C
	12	0.6 - 3.0	10	EI 120, EI 60	C/C

Pipe can be 0mm to the bottom edge of aperture with min 10mm annular gap above
If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

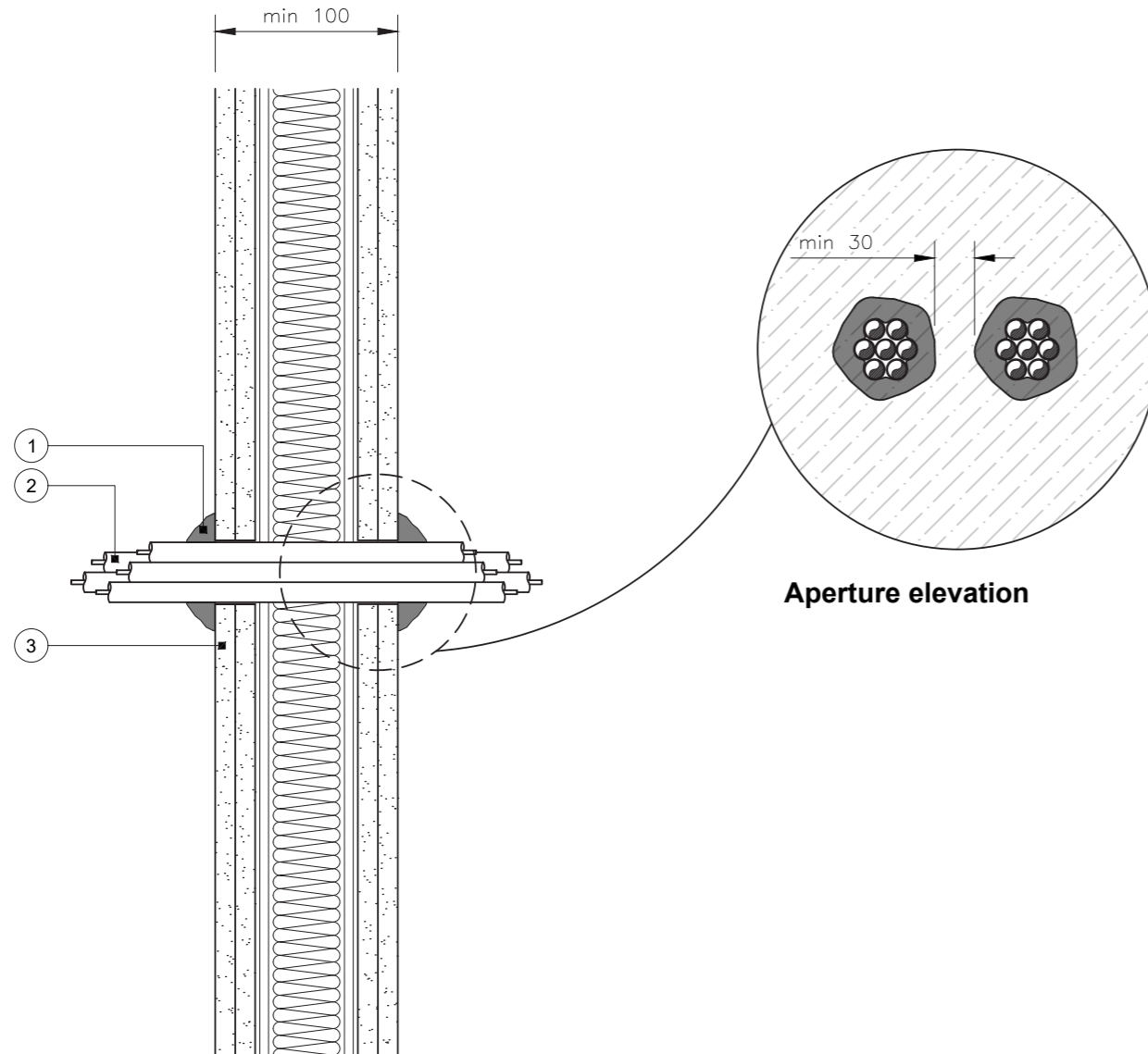
Date: March 2026

Dwg No.: CN-634-001

Drawn: CT

Approved: JMC / MKF

Revision: -



Section

Single penetration
Cables

- 1 Gyproc Fire Cord on both sides oversailing the aperture
- 2 Cable bundle supported from both sides of partition at a maximum 350mm distance from partition surface
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification

Installation guidance

- Ensure all surfaces are clean and free from dust, grease and other contaminants
- Place Gyproc Fire Cord around services to form continuous seal with substrate surface
- Press Gyproc Fire Cord into substrate surface with your thumbs to form a fillet or 'V' shaped joint, ensuring continuous good contact is made to all surfaces
- Refer to Gyproc Fire Cord Safety Data Sheet (SDS)

Important information

UKTA Reference 0843-25/0026

Minimum 100mm partition thickness comprising steel or timber studs with minimum two layers 12.5mm boards both sides of framing

Service Separation:
30mm between similar services treated with Gyproc Fire Cord
100mm between different service types

To qualify for SpecSure, Gyproc Firestopping product must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

SERVICES APERTURE		
SERVICE TYPE	MAXIMUM ANNULAR GAP (mm)	CLASSIFICATION
≤ Ø 21mm cables single or in a bundle ≤ Ø 50mm	10	EI 120
≤ Ø 80mm cable single	10	EI 60

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

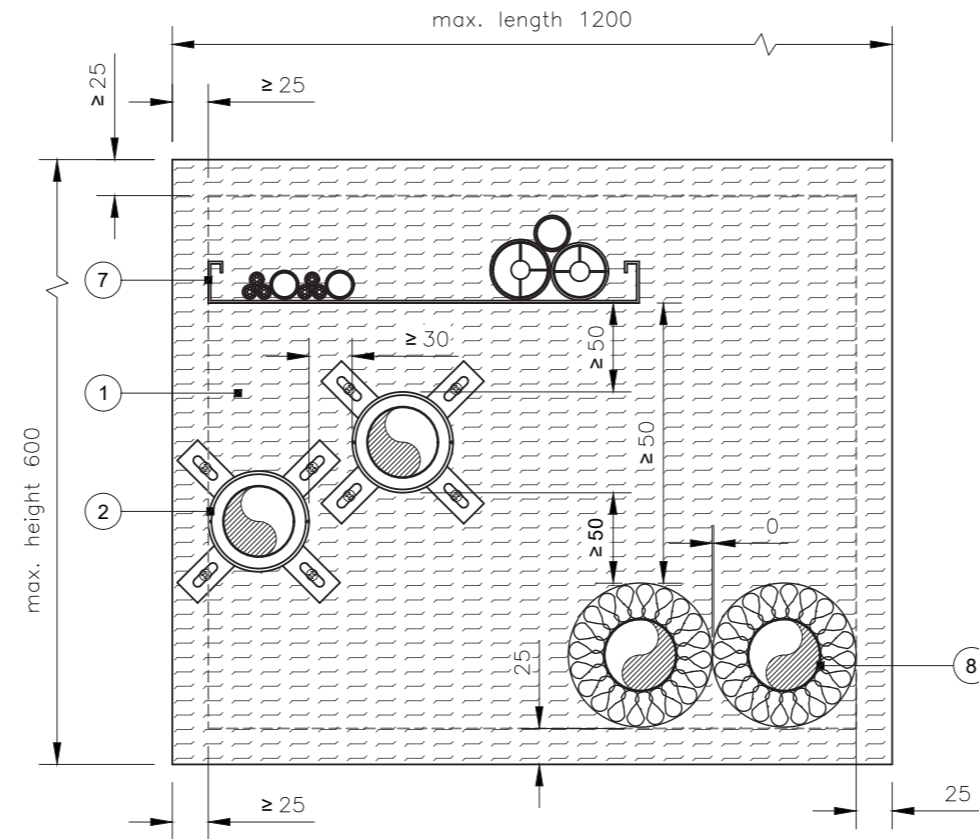
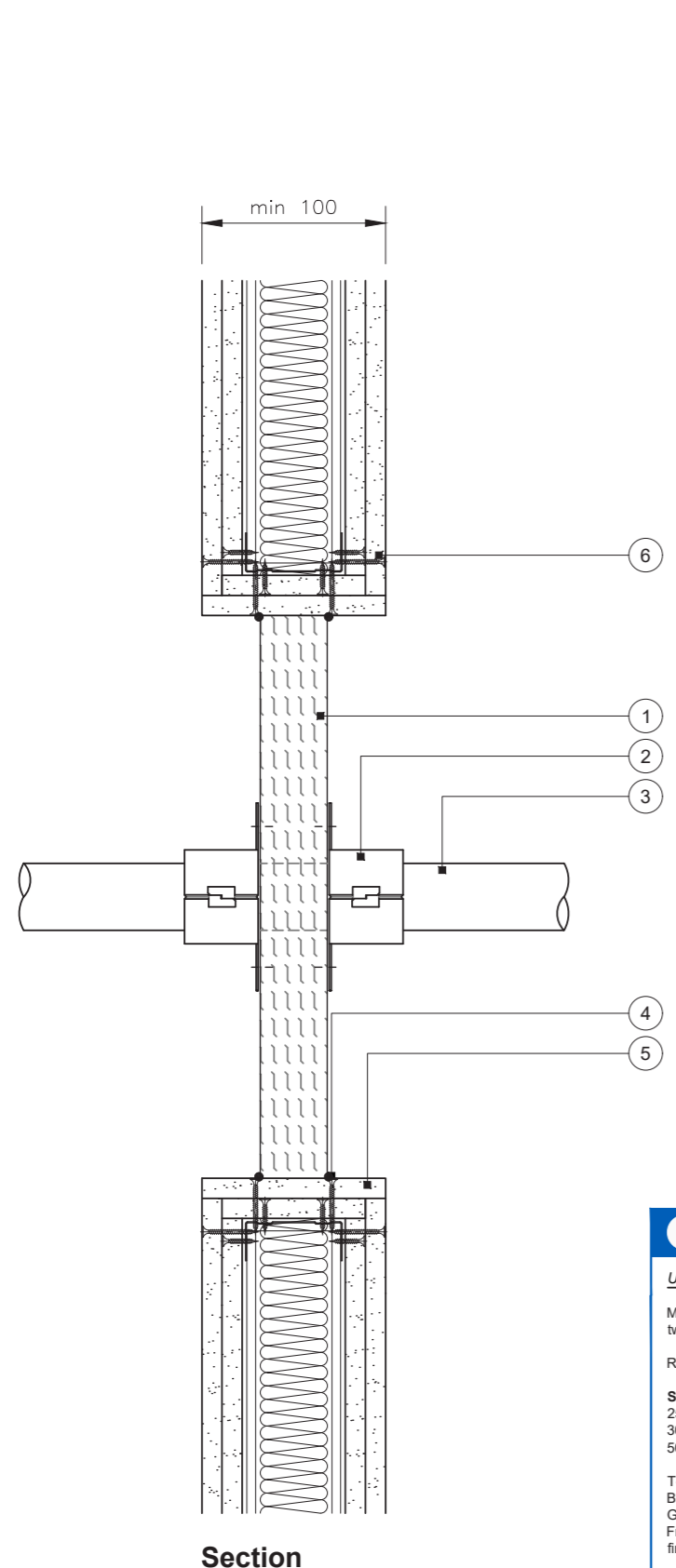
Dwg No.: CN-634-002

Revision: -

Gyproc Fire Batt solutions

- 90 Detail 40 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar, PVCu pipes
- 92 Detail 41 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar, PE, ABS, SAN+PVC and PE-x pipes
- 94 Detail 42 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar, PP pipes
- 96 Detail 43 – Single 50 mm Gyproc Fire Batt, non-combustible pipes with insulation
- 98 Detail 44 – Single 50 mm Gyproc Fire Batt, non-combustible pipes with insulation
- 100 Detail 45 – Single 50 mm Gyproc Fire Batt, non-combustible pipes with insulation
- 102 Detail 46 – Single 50 mm Gyproc Fire Batt, non-combustible pipes with insulation
- 104 Detail 47 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant, cable penetrations
- 106 Detail 48 – Double 50 mm Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 108 Detail 49 – Double 50 mm Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 110 Detail 50 – Double 50 mm Gyproc Fire Batt, metallic pipes with phenolic insulation
- 112 Detail 51 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, metallic pipes with elastomeric and PE foam insulation
- 114 Detail 52 – Double 50 mm Gyproc Fire Batt/Gyproc Graphite Fire Sealant, combustible pipes
- 116 Detail 53 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, combustible pipes
- 118 Detail 54 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, combustible pipes
- 120 Detail 55 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, manufacturer's specific combustible pipe penetrations
- 122 Detail 56 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, manufacturer's specific combustible pipe penetrations
- 124 Detail 57 – Double 50 mm Gyproc Fire Batt / Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 126 Detail 58 – Double 50 mm Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 128 Detail 59 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, metallic pipes with elastomeric and PE foam insulation
- 130 Detail 60 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, metallic pipes with phenolic insulation
- 132 Detail 61 – Double 50 mm Gyproc Fire Batt / Gyproc Graphite Fire Sealant, metallic pipes with combustible insulation
- 134 Detail 62 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PVCu pipes
- 136 Detail 63 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PE, ABS, SAN+PVC and PE-x pipes
- 138 Detail 64 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PP pipes
- 140 Detail 65 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, manufacturer's specific combustible pipe penetrations
- 142 Detail 66 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant, cable penetrations
- 144 Detail 67 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant, metallic pipes
- 146 Detail 68 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant, cable penetrations
- 148 Detail 69 – Double 50 mm Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 150 Detail 70 – Double 50 mm Gyproc Fire Batt, metallic pipes with stone/glass mineral wool insulation
- 152 Detail 71 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, metallic pipes with elastomeric and PE foam insulation
- 154 Detail 72 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, metallic pipes with phenolic insulation
- 156 Detail 73 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PVCu pipes
- 158 Detail 74 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PE, ABS, SAN+PVC and PE-x pipes
- 160 Detail 75 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, PP pipes
- 162 Detail 76 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap, manufacturer's specific combustible pipe penetrations

Detail 40 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar
PVCu pipes – double layer 100 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Gyproc Pipe Collar to both sides of Gyproc Fire Batt fixed with 50mm long pigtail screws through each tab
- 3 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEAL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	CLASSIFICATION	PIPE CONFIGURATION
PVC-U	32	1.9 - 3.7	50	50 x 3.0	E 120, EI 60	U/C
	40	1.9 - 3.7	50	50 x 3.0	E 120, EI 60	U/C
	50	2.0 - 3.7	50	50 x 3.0	E 120, EI 60	U/C
	55	2.1 - 6.6	50	50 x 3.2	E 90, EI 60	U/C
	63	2.2 - 6.6	50	50 x 3.6	E 90, EI 60	U/C
	75	2.3 - 6.6	50	50 x 4.2	E 90, EI 60	U/C
	82	2.4 - 6.6	50	50 x 4.6	E 90, EI 60	U/C
	90	2.5 - 6.6	50	50 x 5.0	E 90, EI 60	U/C
	110	2.7 - 6.6	50	50 x 6.0	E 90, EI 60	U/C
	125	3.1 - 9.5	50	60 x 9.0	EI 60	C/C
	140	3.5 - 9.5	50	60 x 11.5	EI 60	C/C
160	4.0 - 9.5	50	60 x 15.0	EI 60	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-001

Revision: -

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

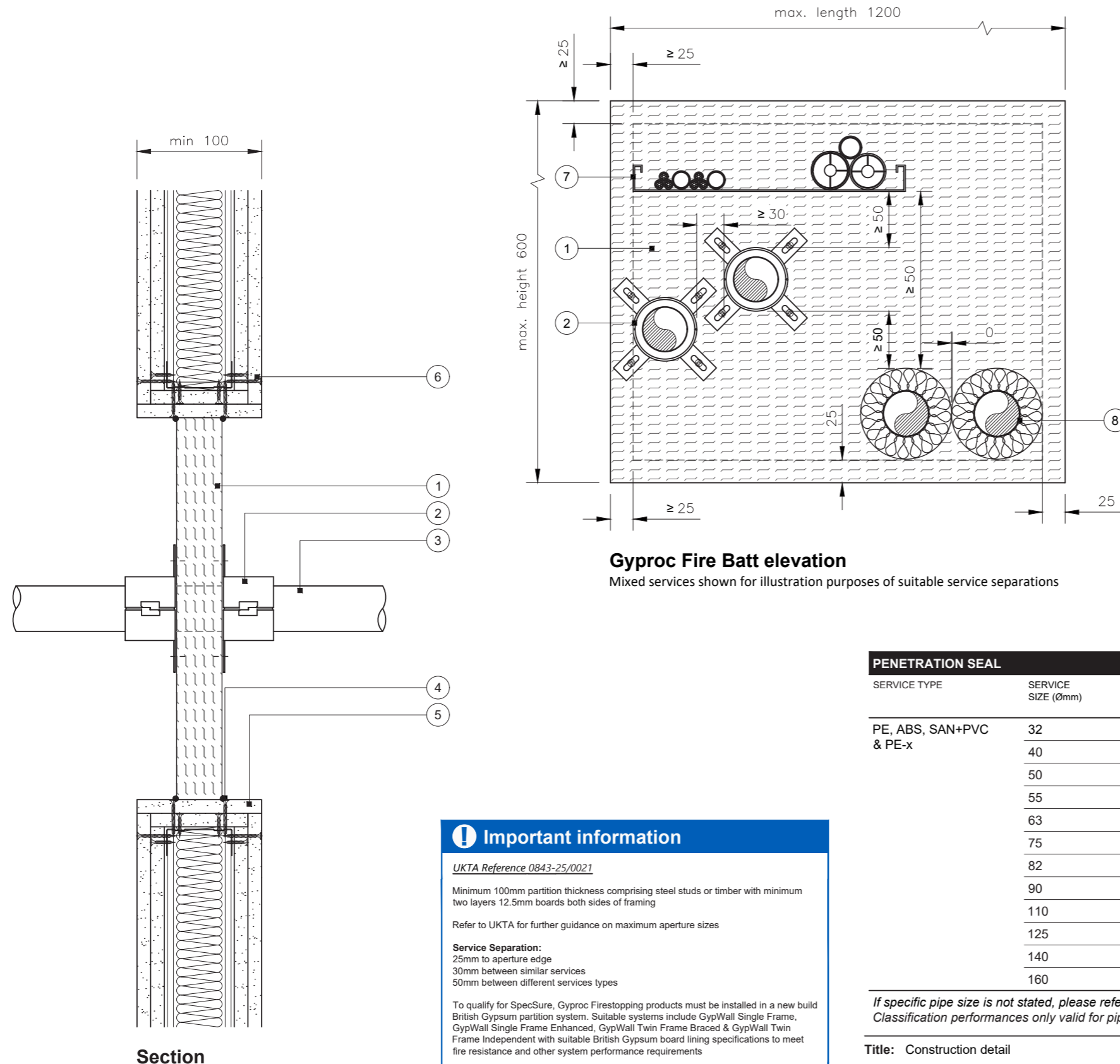
Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

- 25mm to aperture edge
- 30mm between similar services
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Detail 41 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar
PE, ABS, SAN+PVC and PE-x pipes – double layer 100 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Gyproc Pipe Collar to both sides of Gyproc Fire Batt fixed with 50mm long pigtail screws through each tab
- 3 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 4 Gyproc Acrylic Fire Sealant.
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEAL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	CLASSIFICATION	PIPE CONFIGURATION
PE, ABS, SAN+PVC & PE-x	32	3.0 - 4.6	50	50 x 3.0	E 120, EI 60	U/C
	40	3.0 - 4.6	50	50 x 3.0	E 120, EI 60	U/C
	50	3.0 - 4.6	50	50 x 3.0	E 120, EI 60	U/C
	55	3.0 - 10.0	50	50 x 3.2	E 90, EI 60	C/C
	63	3.1 - 10.0	50	50 x 3.6	E 90, EI 60	C/C
	75	3.2 - 10.0	50	50 x 4.2	E 90, EI 60	C/C
	82	3.2 - 10.0	50	50 x 4.6	E 90, EI 60	C/C
	90	3.3 - 10.0	50	50 x 5.0	E 90, EI 60	C/C
	110	3.4 - 10.0	50	50 x 6.0	E 90, EI 60	C/C
	125	3.9 - 9.5	50	60 x 9.0	EI 60	C/C
140	4.3 - 9.5	50	60 x 11.5	EI 60	C/C	
160	4.9 - 9.5	50	60 x 15.0	EI 60	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-002

Revision: -

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

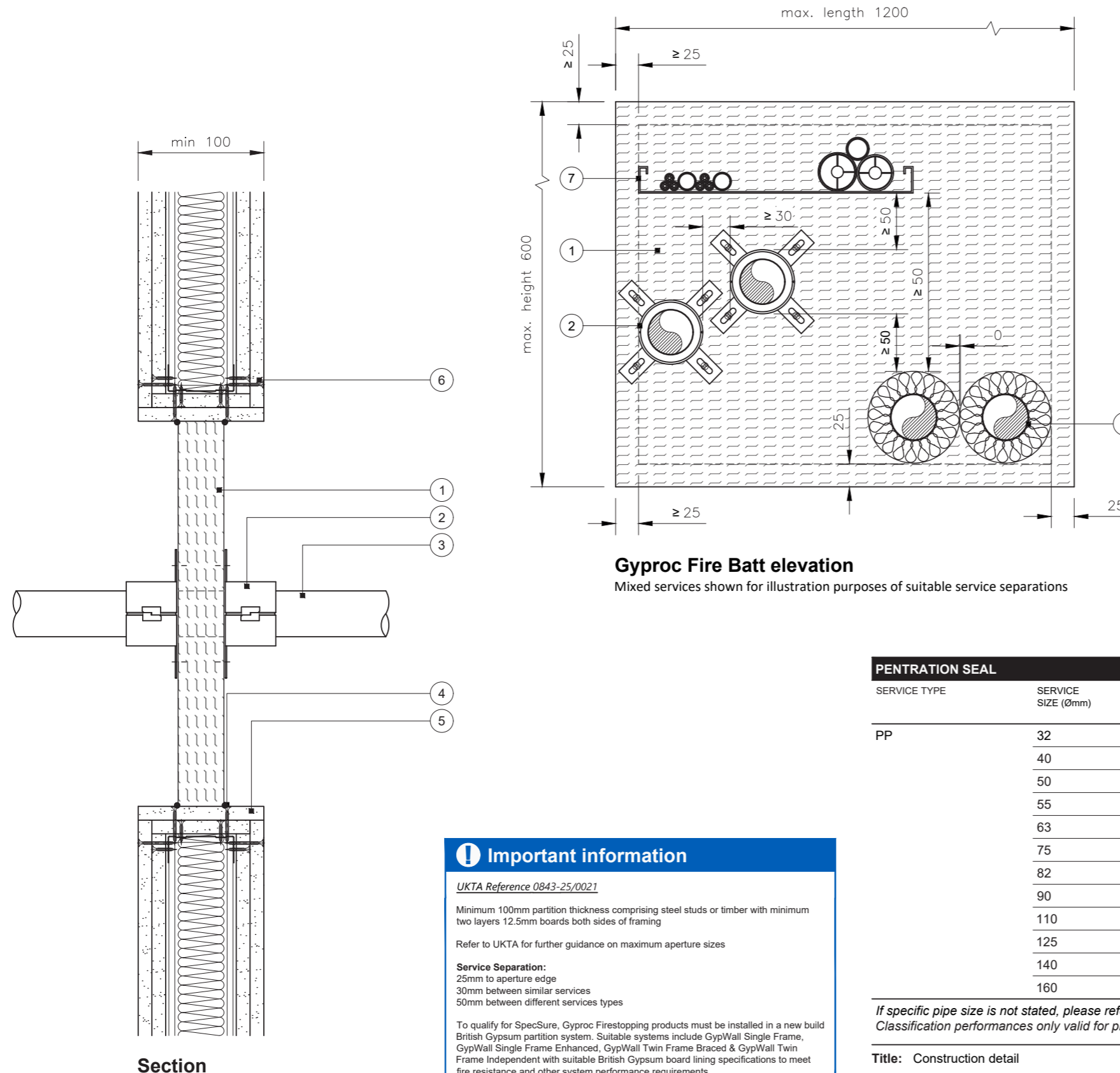
Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Detail 42 – Single 50 mm Gyproc Fire Batt / Gyproc Pipe Collar
PP pipes – double layer 100 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Gyproc Pipe Collar to both sides of Gyproc Fire Batt fixed with 50mm long pigtail screws through each tab
- 3 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 4 Gyproc Acrylic Fire Sealant.
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity.
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

- 25mm to aperture edge
- 30mm between similar services
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENTRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEAL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	32	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	40	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	50	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	55	1.9 - 4.6	50	50 x 3.2	EI 60	C/C
	63	2.0 - 4.6	50	50 x 3.6	EI 60	C/C
	75	2.2 - 4.6	50	50 x 4.2	EI 60	C/C
	82	2.3 - 4.6	50	50 x 4.6	EI 60	C/C
	90	2.4 - 4.6	50	50 x 5.0	EI 60	C/C
	110	2.7 - 4.2	50	50 x 6.0	EI 60	C/C
	125	3.4 - 9.1	50	60 x 9.0	EI 60	C/C
140	4.1 - 9.1	50	60 x 11.5	EI 60	C/C	
160	4.9 - 9.1	50	60 x 15.0	EI 60	C/C	

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-635-003

Drawn: CT

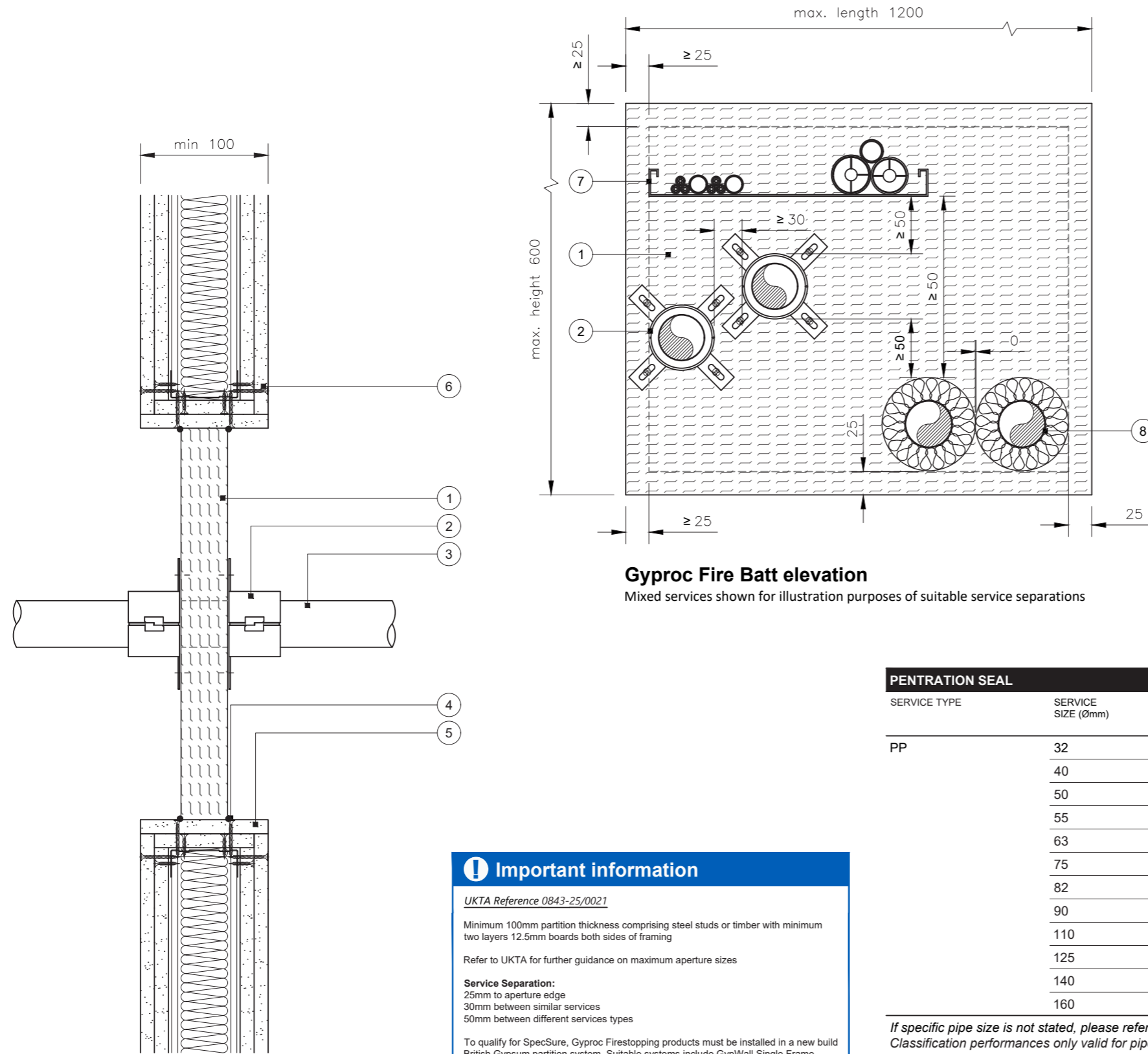
Approved: JMC / MKF

Revision: -

Detail 43 – Single 50 mm Gyproc Fire Batt

Non combustible pipes with insulation (Local Interrupted - LI)

– Double layer 100 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Gyproc Pipe Collar to both sides of Gyproc Fire Batt fixed with 50mm long pigtail screws through each tab
- 3 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 4 Gyproc Acrylic Fire Sealant.
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	WALL THICKNESS (mm)	SEAL THICKNESS (mm)	MINIMUM COLLAR HEIGHT (mm)	CLASSIFICATION	PIPE CONFIGURATION
PP	32	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	40	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	50	1.8 - 4.6	50	50 x 3.0	EI 60	C/C
	55	1.9 - 4.6	50	50 x 3.2	EI 60	C/C
	63	2.0 - 4.6	50	50 x 3.6	EI 60	C/C
	75	2.2 - 4.6	50	50 x 4.2	EI 60	C/C
	82	2.3 - 4.6	50	50 x 4.6	EI 60	C/C
	90	2.4 - 4.6	50	50 x 5.0	EI 60	C/C
	110	2.7 - 4.2	50	50 x 6.0	EI 60	C/C
	125	3.4 - 9.1	50	60 x 9.0	EI 60	C/C
	140	4.1 - 9.1	50	60 x 11.5	EI 60	C/C
160	4.9 - 9.1	50	60 x 15.0	EI 60	C/C	

*If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA*

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

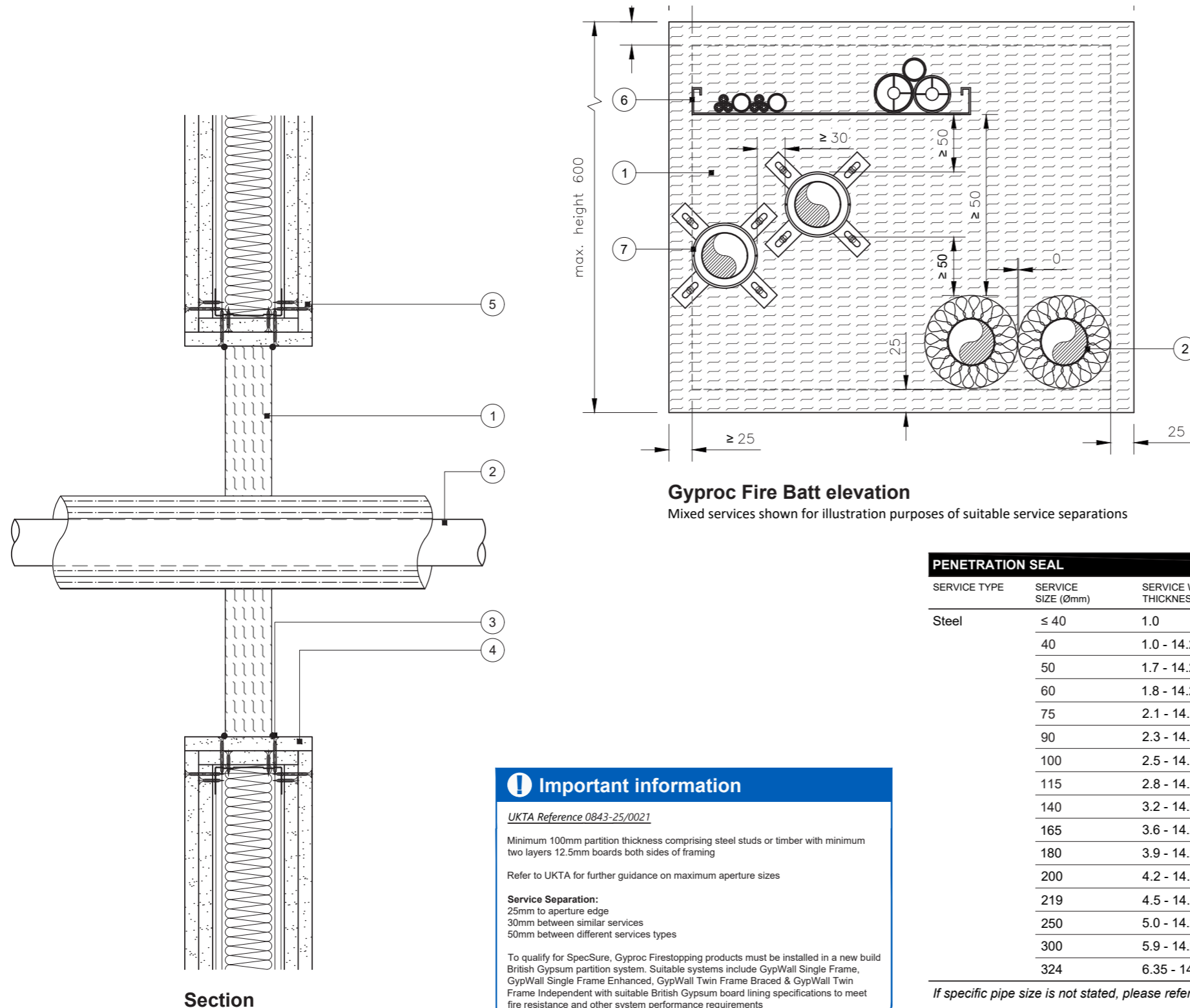
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-003

Revision: -

Detail 44 – Single 50 mm Gyproc Fire Batt
Non combustible pipes with insulation (Continued Sustained - CS)
– Double layer 100 mm partition



Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

- 1 Single 50mm Gyproc Fire Batt
- 2 Non combustible pipe with stone mineral wool insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Combustible pipes with Gyproc Pipe Collar

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	≤ 40	1.0	50	stone mineral wool insulation min. 80kg/m³	≥ 30	E 90, EI 60 C/U
	40	1.0 - 14.2	50		≥ 30	E 90, EI 60 C/U
	50	1.7 - 14.2	50		≥ 30	E 90, EI 60 C/U
	60	1.8 - 14.2	50		≥ 30	E 90, EI 60 C/U
	75	2.1 - 14.2	50		≥ 30	E 90, EI 60 C/U
	90	2.3 - 14.2	50		≥ 30	E 90, EI 60 C/U
	100	2.5 - 14.2	50		≥ 30	E 90, EI 60 C/U
	115	2.8 - 14.2	50		≥ 30	E 90, EI 60 C/U
	140	3.2 - 14.2	50		≥ 30	E 90, EI 60 C/U
	165	3.6 - 14.2	50		≥ 30	E 90, EI 60 C/U
	180	3.9 - 14.2	50		≥ 30	E 90, EI 60 C/U
	200	4.2 - 14.2	50		≥ 30	E 90, EI 60 C/U
	219	4.5 - 14.2	50		≥ 30	E 90, EI 60 C/U
	250	5.0 - 14.2	50		≥ 30	E 90, EI 60 C/U
	300	5.9 - 14.2	50		≥ 30	E 90, EI 60 C/U
324	6.35 - 14.2	50	≥ 30	E 90, EI 60 C/U		

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-635-005

Drawn: CT

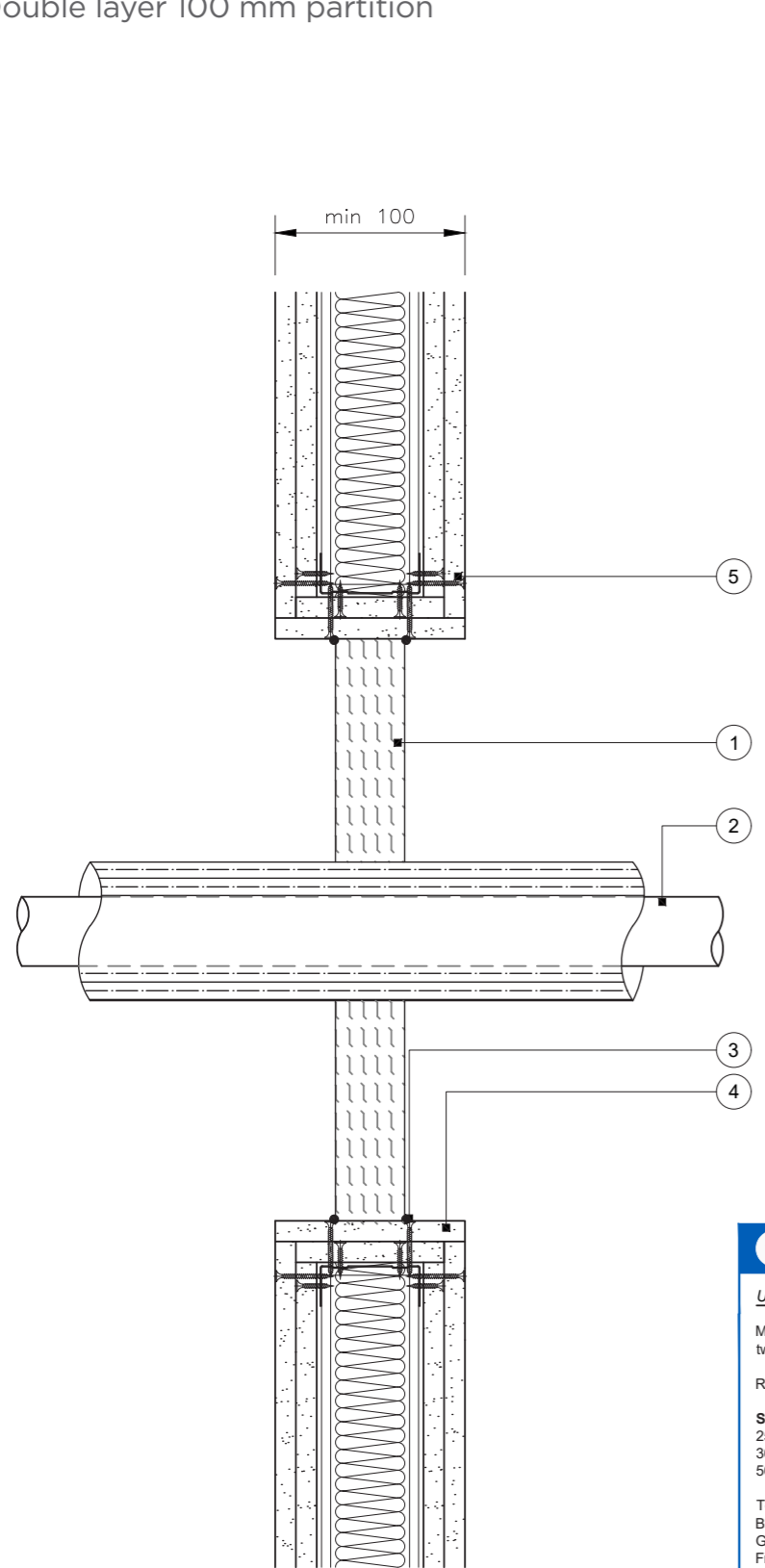
Approved: JMC / MKF

Revision: -

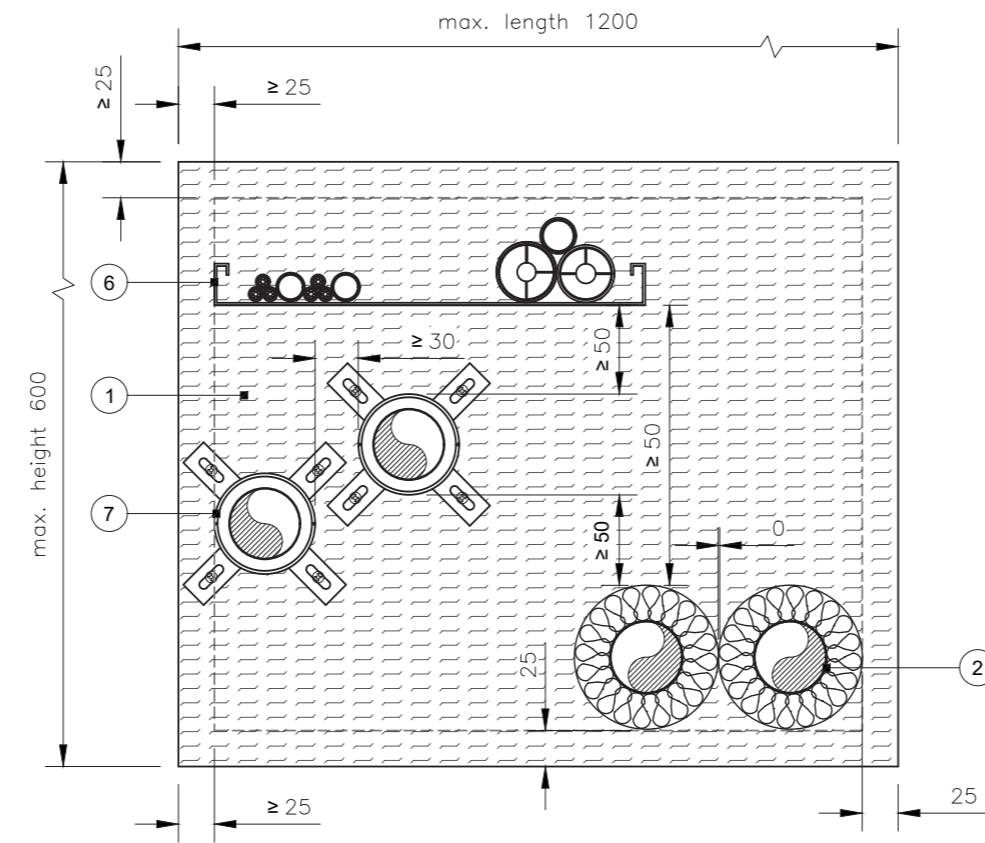
Detail 45 – Single 50 mm Gyproc Fire Batt

Non combustible pipes with insulation (Continued Sustained - CS)

– Double layer 100 mm partition



Section



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Non combustible pipe with stone mineral wool/glass mineral wool insulation (Continued Sustained - CS) supported from both sides of partition at a minimum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Combustible pipes with Gyproc Pipe Collar

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Copper	15	0.7 - 7.5	50	Stone mineral wool insulation min. 80kg/m³	≥ 20	E 90, EI 60 C/C
	28	0.9 - 14.2	50		≥ 20	E 90, EI 60 C/C
	54	1.2 - 14.2	50		≥ 20	E 90, EI 60 C/C
	15	0.7 - 7.5	50	Glass or stone mineral wool insulation min. 75kg/m³	20 - 40	E 60, EI 30 C/C
	28	0.9 - 14.2	50		20 - 40	E 60, EI 30 C/C
	54	1.2 - 14.2	50		20 - 40	E 60, EI 30 C/C
Alupex composite	16 - 75	2.25 - 4.7	50	Stone mineral wool insulation min. 80kg/m³	≥ 25	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

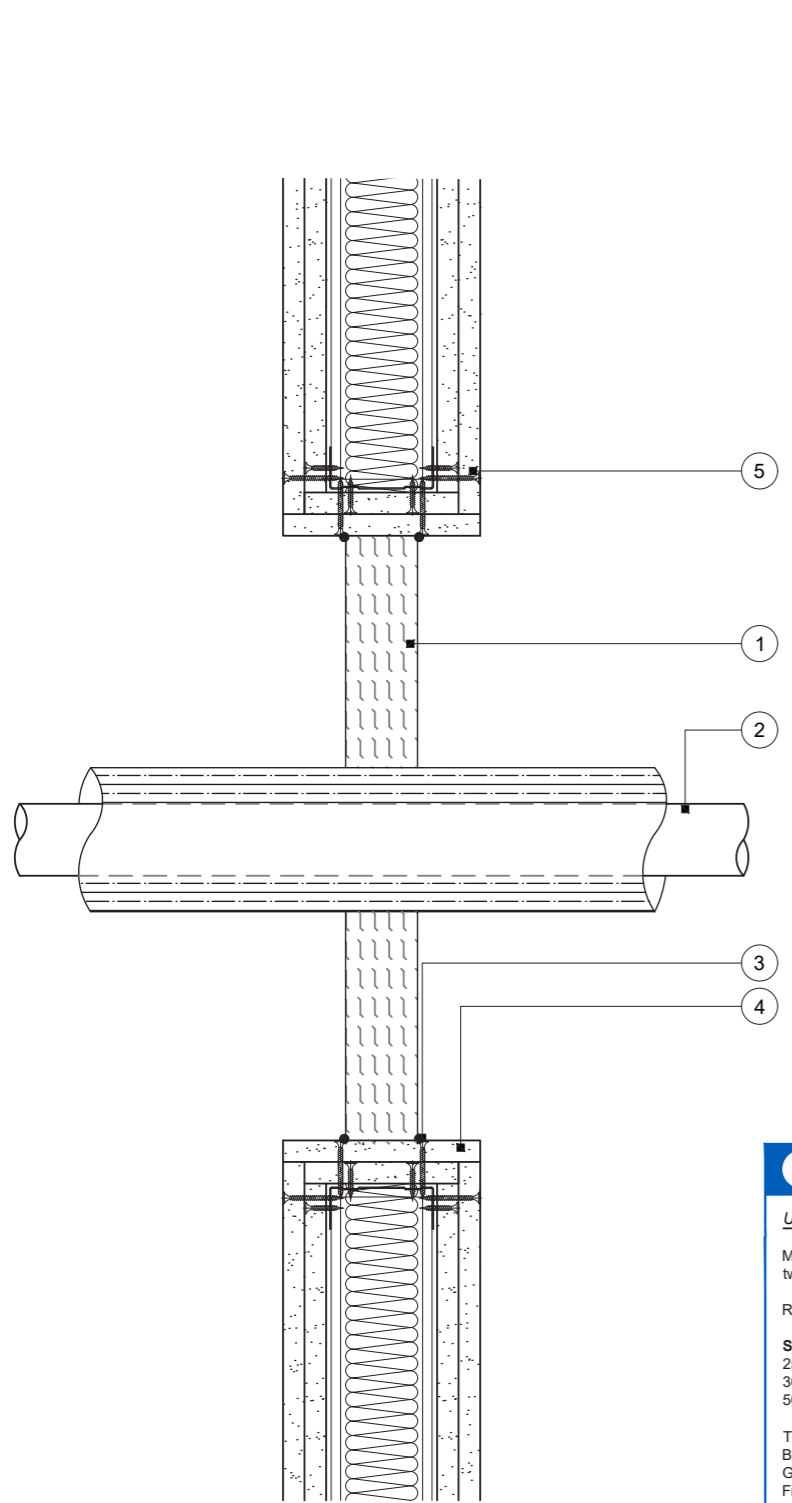
Dwg No.: CN-635-006

Revision: -

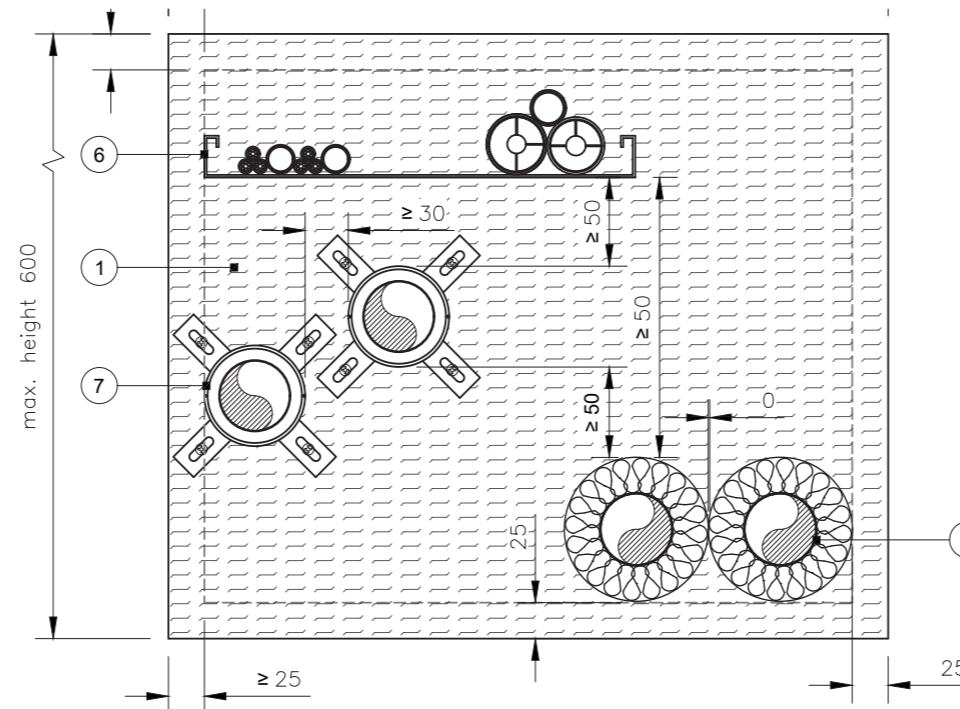
Detail 46 – Single 50 mm Gyproc Fire Batt

Non combustible pipes with insulation (Continued Sustained - CS)

– Double layer 100 mm partition



Section



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Single 50mm Gyproc Fire Batt
- 2 Non combustible pipe with stone mineral wool/glass mineral wool insulation (Continued Sustained - CS) supported from both sides of partition at a minimum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant.
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Combustible pipes with Gyproc Pipe Collar

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Gyproc Fire Coating and Gyproc Acrylic Fire Sealant are water based, so in cases where corrosion protection is a problem, some metals may require a barrier between the seal and the surface prior to this installation
- The board can be positioned to either side of the construction or anywhere in between
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

- 25mm to aperture edge
- 30mm between similar services
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Copper	15	0.7 - 7.5	50	Stone mineral wool insulation min. 80kg/m³	≥ 20	E 90, EI 60 C/C
	28	0.9 - 14.2	50		≥ 20	E 90, EI 60 C/C
	54	1.2 - 14.2	50		≥ 20	E 90, EI 60 C/C
	15	0.7 - 7.5	50	Glass or stone mineral wool insulation min. 75kg/m³	20 - 40	E 60, EI 30 C/C
	28	0.9 - 14.2	50		20 - 40	E 60, EI 30 C/C
	54	1.2 - 14.2	50		20 - 40	E 60, EI 30 C/C
Alupex composite	16 - 75	2.25 - 4.7	50	Stone mineral wool insulation min. 80kg/m³	≥ 25	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

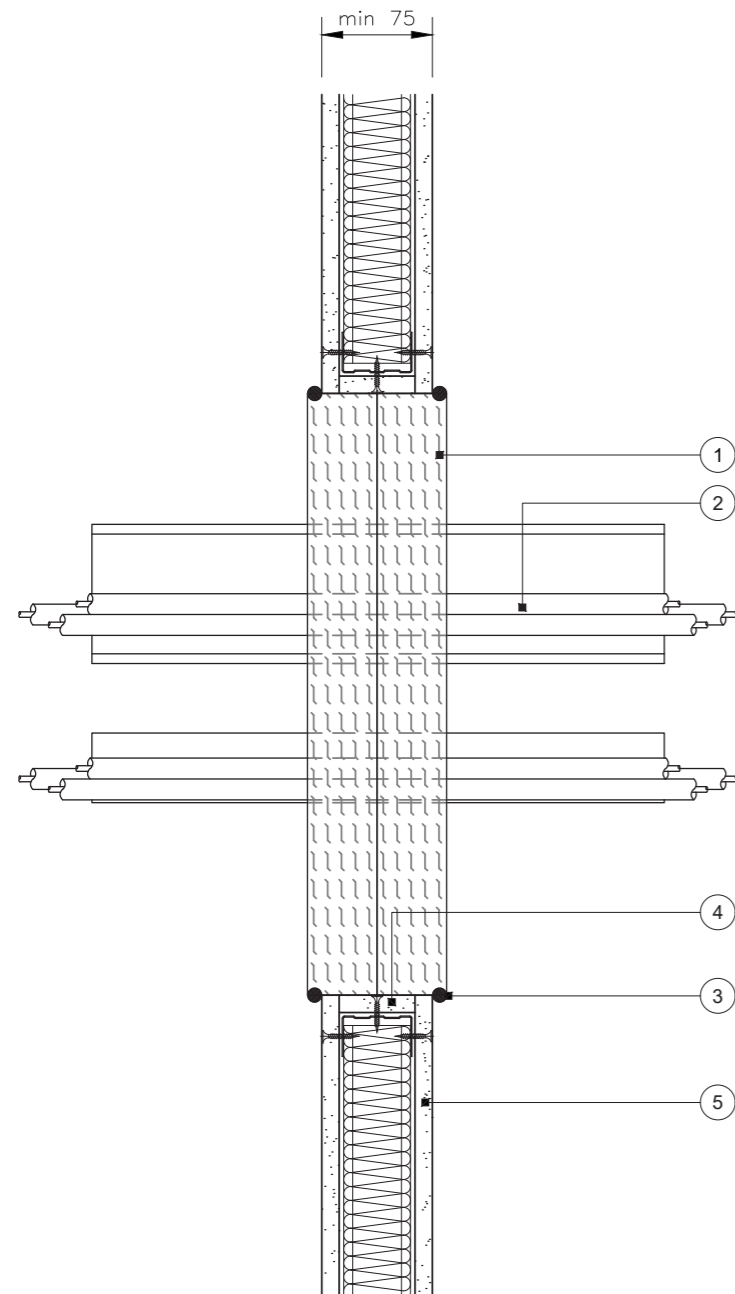
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-006

Revision: -

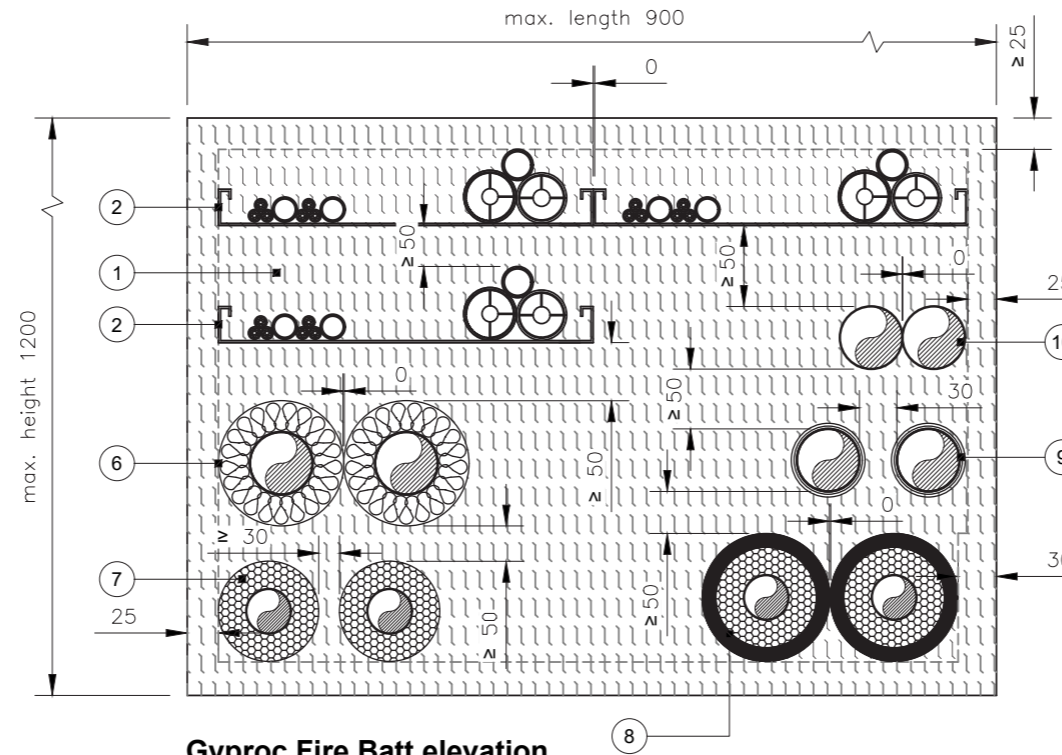
Detail 47 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant
Cable penetrations – Single layer 75mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints.



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Cables on trays, ladders and baskets supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Metallic pipes with stone mineral wool insulation
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 9 Combustible pipes with single/double Gyproc Pipe Wrap
- 10 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
 25mm to aperture edge
 0mm between cables along width of carrier
 0mm between cable carriers (side by side)
 50mm between cable / cable carrier (above/below)
 50mm between different service types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL				
SERVICE TYPE	SERVICE SIZE (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	100	N/A	EI 60
	22-50	100	N/A	E 60, EI 30
	51-80	100	N/A	E 60, EI 30
Cable bundles (small cables ≤ 21mm)	≤ 100	100	N/A	EI 60
Steel cable trays & ladders *	any width	100	N/A	EI 60
Un-sheathed cables	≤ 24	100	N/A	E 60, EI 30
Copper conduit	≤ 16	100	N/A	E 60, EI 30 C/U
Steel conduit	≤ 16	100	N/A	EI 60 C/U
PVC conduits	≤ 16	100	N/A	EI 60 C/U

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

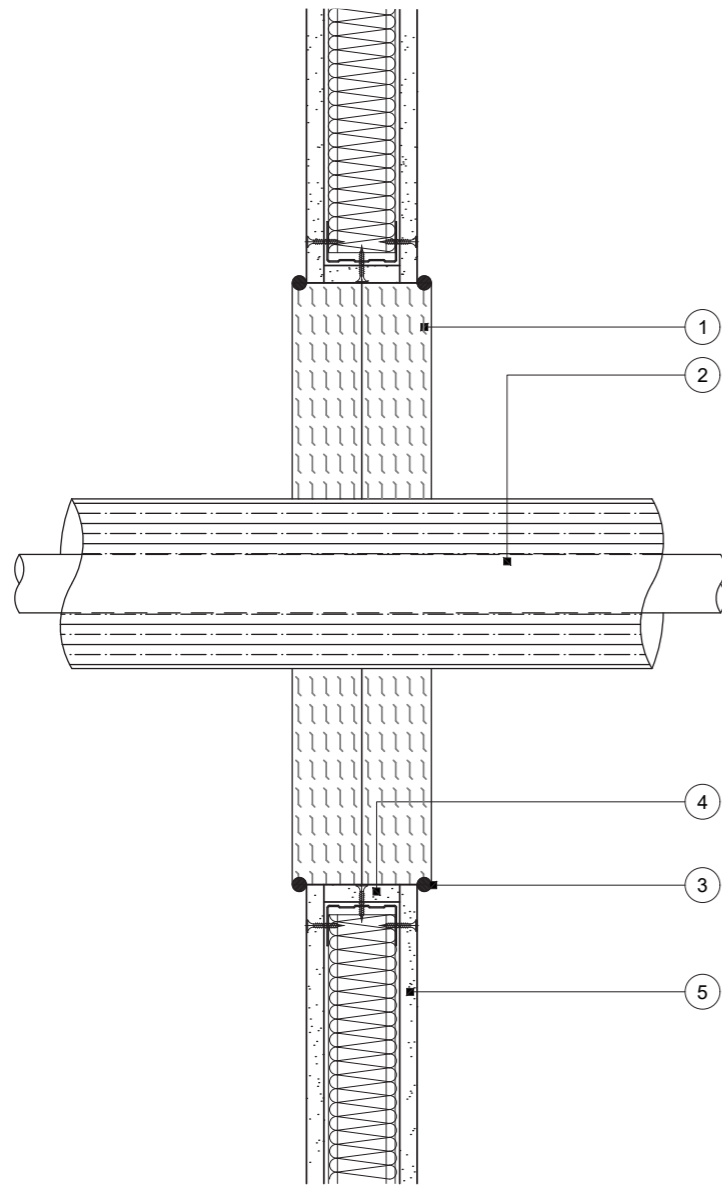
Dwg No.: CN-635-101

Revision: -

Detail 48 - Double 50 mm Gyproc Fire Batt

Metallic pipes with stone/glass mineral wool insulation (Continued Sustained - CS)

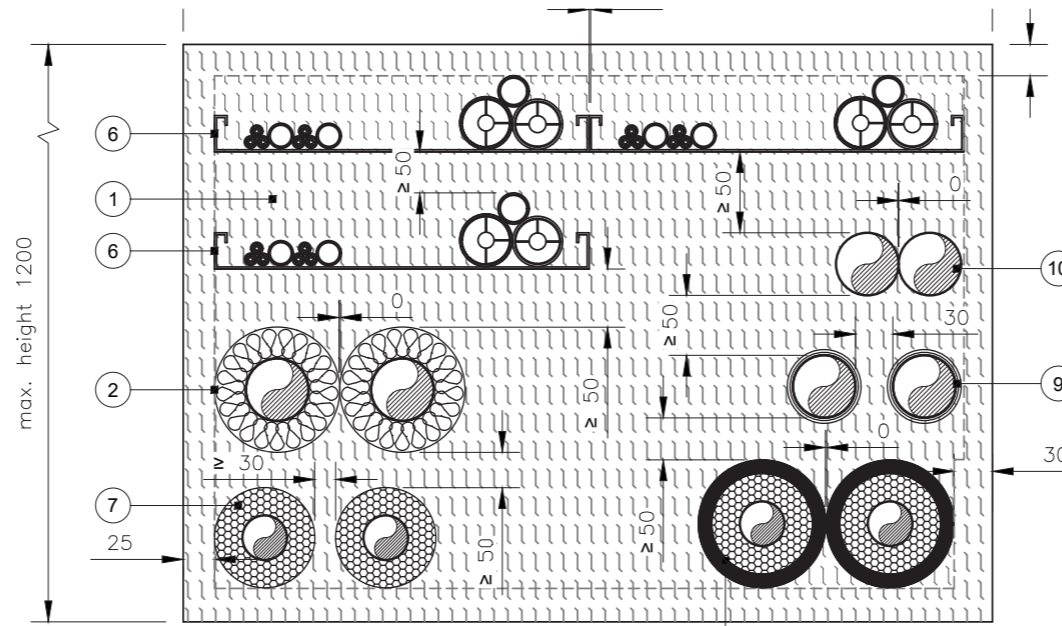
- Single layer 75mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 2 Opening lined with same board as partition with screws at 200mm centres
- 3 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation report for insulation specification
- 4 Cables on trays, ladders and baskets
- 5 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 6 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 7 Combustible pipes with single/double Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Stone mineral wool insulation min. 80kg/m³	≥ 20	EI 60 C/U
	50	1.2 - 14.2	100		≥ 30	EI 60 C/U
	75	1.6 - 14.2	100		≥ 30	EI 60 C/U
	115	2.4 - 14.2	100		≥ 30	EI 60 C/U
	165	3.4 - 14.2	100		≥ 30	EI 60 C/U
	219	4.3 - 14.2	100		≥ 30	EI 60 C/U
	250	5.0 - 14.2	100		≥ 30	EI 60 C/U
	300	5.9 - 14.2	100		≥ 30	EI 60 C/U
	324	6.35 - 14.2	100		≥ 30	EI 60 C/U
Steel	22	2.0 - 11.0	100	N/A	N/A	EI 60 C/U
	114	22.0	100		N/A	E 60, EI 20 C/U
Copper	15	0.7 - 7.5	100	Stone mineral wool insulation min. 80kg/m³	≥ 20	EI 60 C/C
	28	0.9 - 14.2	100		≥ 20	EI 60 C/C
	54	1.2 - 14.2	100		≥ 20	EI 60 C/C
Copper	15	0.7 - 7.5	100	Glass or stone mineral wool insulation min. 75 kg/m³	30 - 60	EI 60 C/C
	28	0.9 - 14.2	100		30 - 60	EI 60 C/C
	54	1.2 - 14.2	100		30 - 60	EI 60 C/C
Alupex pipe	16	2.0	100		25 - 60	EI 60 C/C
	75	4.6	100		25 - 60	EI 60 C/C

* If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-635-102

Drawn: CT

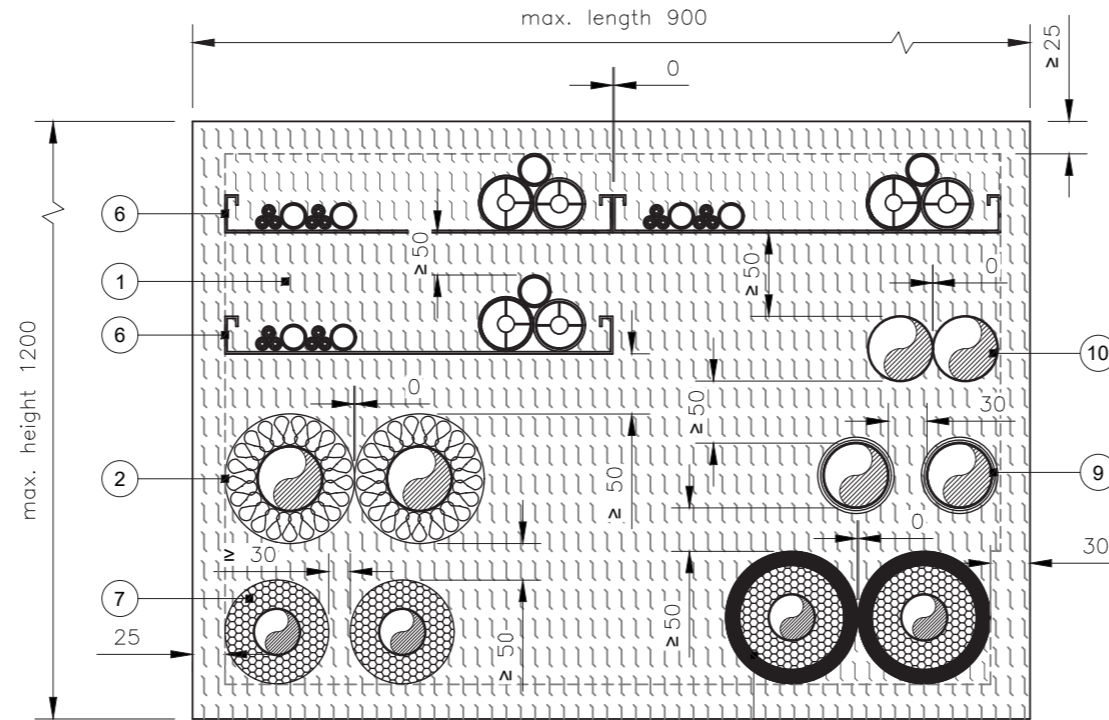
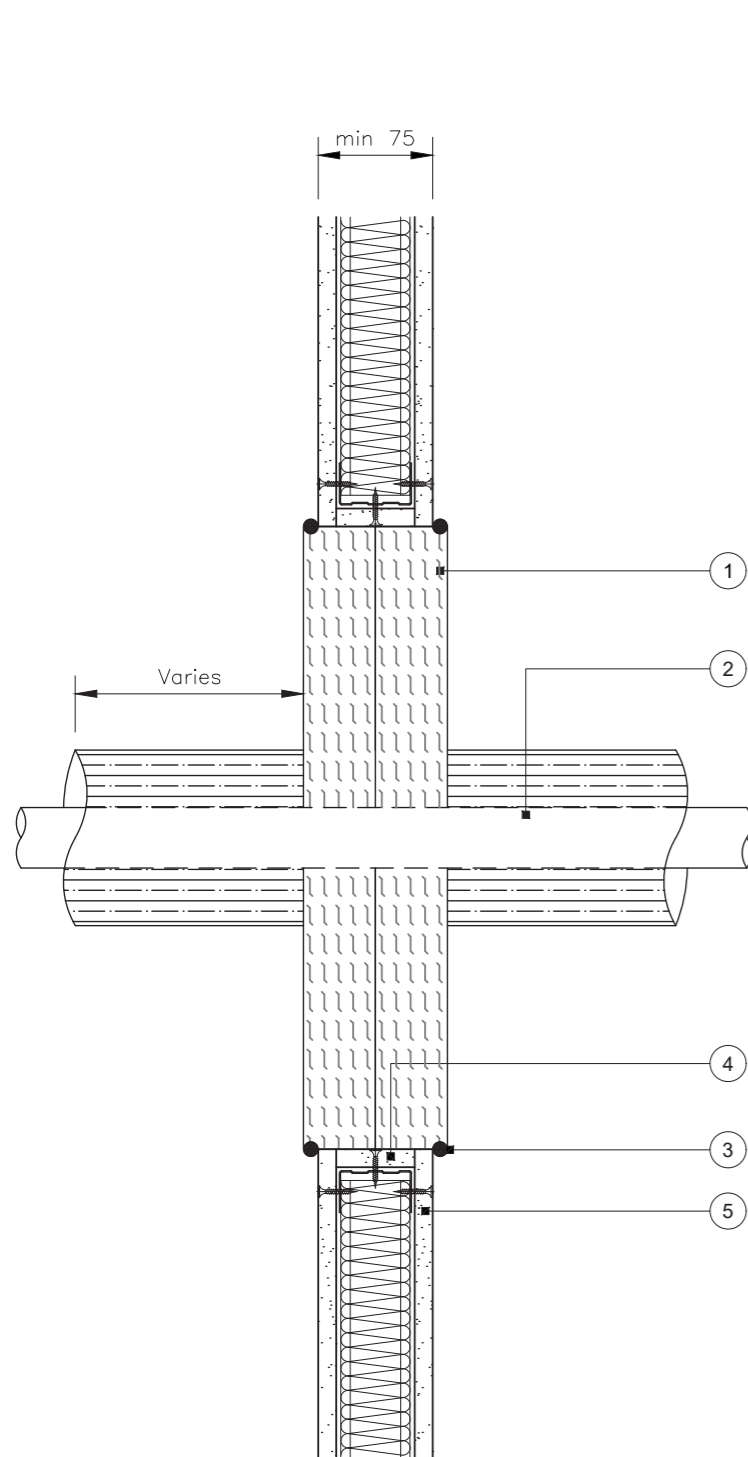
Approved: JMC / MKF

Revision: -

Detail 49 - Double 50 mm Gyproc Fire Batt

Metallic pipes with stone mineral wool/glass mineral wool insulation

(Local Interrupted - LI or Continuous Interrupted - CI) - Single layer 75mm partition



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with stone glass mineral wool insulation (Local Interrupted - LI or Continued Interrupted - CI) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 9 Combustible pipes with single/double Gyproc Pipe Wrap
- 10 Un-insulated metallic pipes

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (LI or CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal	≥ 20	EI 60 C/U
	50	1.2 - 14.2	100		≥ 30	EI 60 C/U
	75	1.7 - 14.2	100		≥ 30	EI 60 C/U
	115	2.5 - 14.2	100		≥ 30	EI 60 C/U
	165	3.5 - 14.2	100		≥ 30	EI 60 C/U
	219	4.5 - 14.2	100		≥ 30	EI 60 C/U
Copper	273	5.0 - 14.2	100		≥ 30	EI 60 C/U
	12	0.7 - 6.0	100		≥ 20	EI 60 C/C
	28	0.9 - 14.2	100		≥ 20	EI 60 C/C
Copper	54	1.2 - 14.2	100		≥ 20	EI 60 C/C
	6	0.7 - 3.0	100	Min. 500mm length of glass or stone mineral wool insulation min. 75 kg/m³ on each side of the seal	≥ 30	E 60, EI 30 C/C
	28	0.9 - 14.2	100		≥ 30	E 60, EI 30 C/C
108	1.5 - 14.2	100	≥ 30		E 60, EI 30 C/C	
Copper	159	2.0 - 14.2	100	Min. 1000mm length of stone mineral wool insulation min. 80 kg/m³ on each side of the seal	≥ 30	E 60, EI 30 C/C
	Alupex pipe	16	2.25		100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal
	26	3.0	100	≥ 20	EI 60 C/C	
	40	3.5	100	≥ 20	EI 60 C/C	
	63	4.5	100	≥ 20	EI 60 C/C	
	75	4.7	100	≥ 20	EI 60 C/C	

* If specific pipe size is not stated please refer to UKTA

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- LI pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along length
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

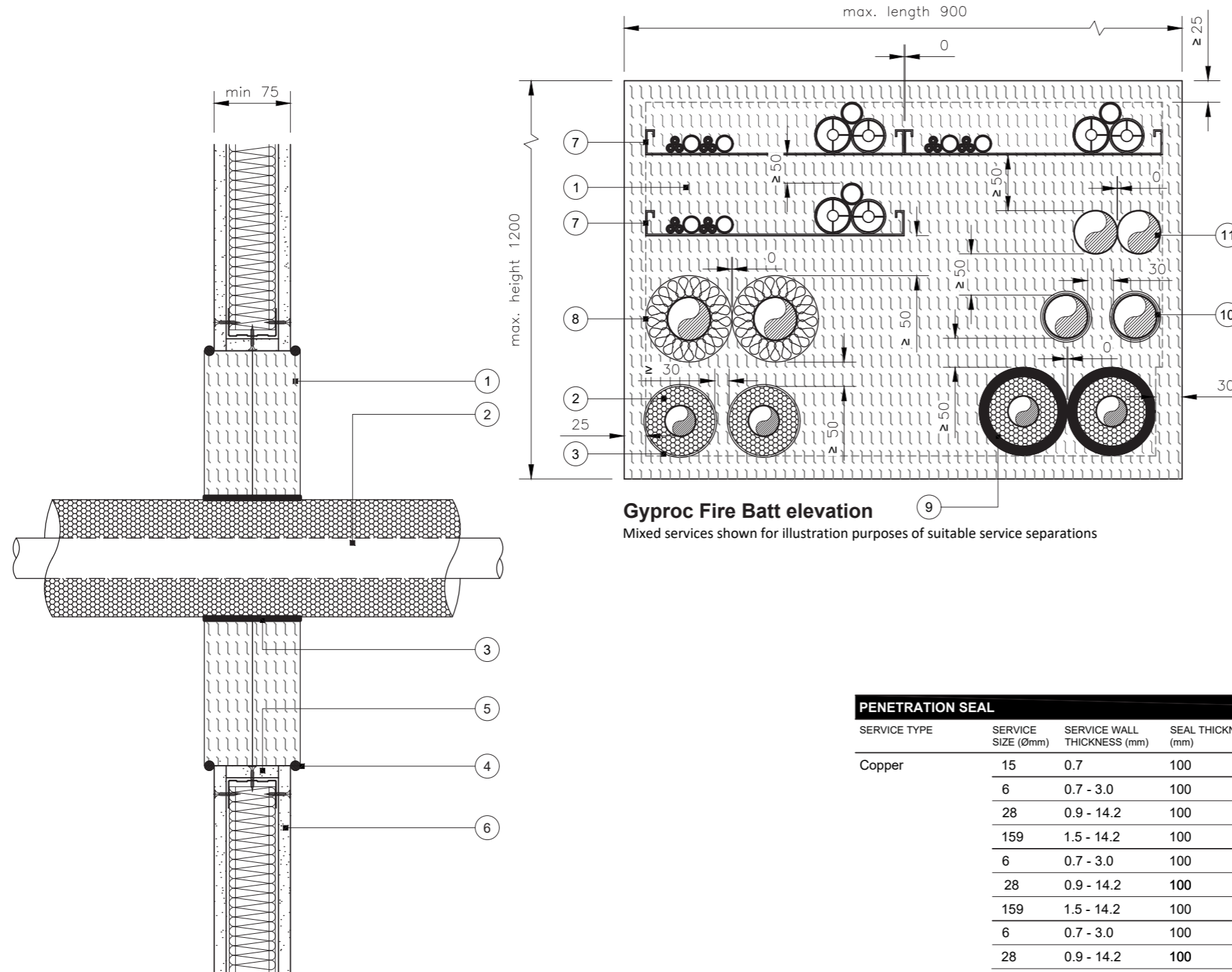
Dwg No.: CN-635-103

Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 50 - Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Metallic pipes with phenolic insulation (Continued Sustained - CS)
- Single layer 75mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with Elastomeric or Phenolic foam insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Combustible pipes with single/double Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers.
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Copper	15	0.7	100	Phenolic insulation	15	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 60 C/C
	6	0.7 - 3.0	100		15			E 60, EI 30 C/C
	28	0.9 - 14.2	100		15			E 60, EI 30 C/C
	159	1.5 - 14.2	100		15			E 60, EI 30 C/C
	6	0.7 - 3.0	100		16 - 99			E 60, EI 30 C/C
	28	0.9 - 14.2	100		16 - 99			E 60, EI 30 C/C
	159	1.5 - 14.2	100		16 - 99			E 60, EI 30 C/C
	6	0.7 - 3.0	100		34 - 100			EI 60 C/C
	28	0.9 - 14.2	100		34 - 100			EI 60 C/C
	54	1.2 - 14.2	100		34 - 100			EI 60 C/C
Steel	16	1.0 - 8.0	100		25 - 100			EI 60 C/U
	28	1.3 - 14.2	100		25 - 100			EI 60 C/U
	273	6.35 - 14.2	100		25 - 100			EI 60 C/U

* If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

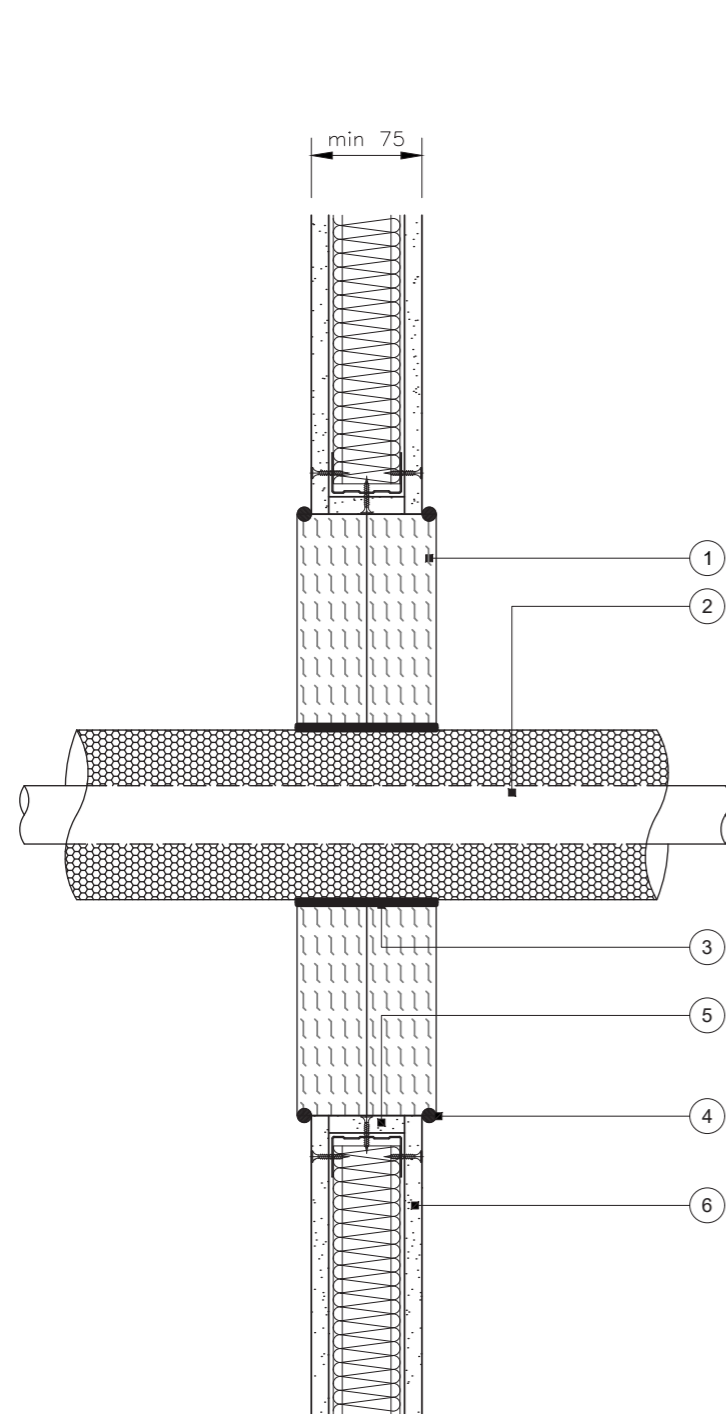
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-105

Revision: -

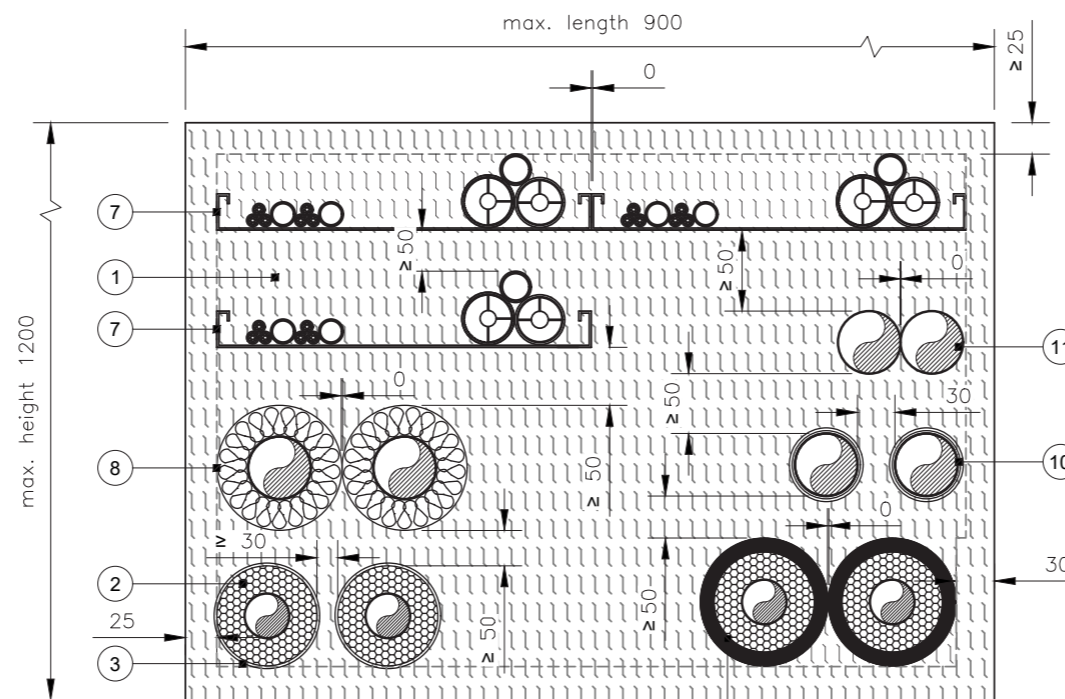
Detail 51 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Metallic pipes with elastomeric and PE foam insulation (Continued Sustained - CS)
– Single layer 75mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with Elastomeric or PE foam insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Combustible pipes with single/double Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Copper	12	1.0	100	Elastomeric insulation minimum class B-s3,d0 or PE foam insulation	9	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 60 C/C
	13 - 54	1.0 - 1.2	100		9 - 13			EI 60 C/C
	6 - 54	0.7 - 1.2	100		13 - 25			EI 60 C/C
Steel	40	1.0 - 14.2	100		13 - 32		50 x 3.6 (2 layers)	EI 60 U/U
	75	2.0 - 14.2	100		13 - 32			EI 60 U/U
	115	3.1 - 14.2	100		13 - 32			EI 60 U/U
	165	4.5 - 14.2	100		13 - 32			EI 60 U/U
Steel	40	1.0 - 14.2	100		32 - 50		50 x 5.4 (3 layers)	EI 60 C/U
	75	1.6 - 14.2	100		32 - 50			EI 60 C/U
	115	2.4 - 14.2	100		32 - 50	EI 60 C/U		
	165	3.4 - 14.2	100		32 - 50	EI 60 C/U		
	200	4.0 - 14.2	100		32 - 50	EI 60 C/U		
	250	5.0 - 14.2	100	32 - 50	EI 60 C/U			
Alupex Composite Pipe	16	2.25	100	9 - 25	50 x 3.6 (2 layers)	EI 60 C/C		
	32	3.0	100	9 - 25		EI 60 C/C		
	50	4.0	100	9 - 25		EI 60 C/C		
	75	4.7	100	9 - 25		EI 60 C/C		

* If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

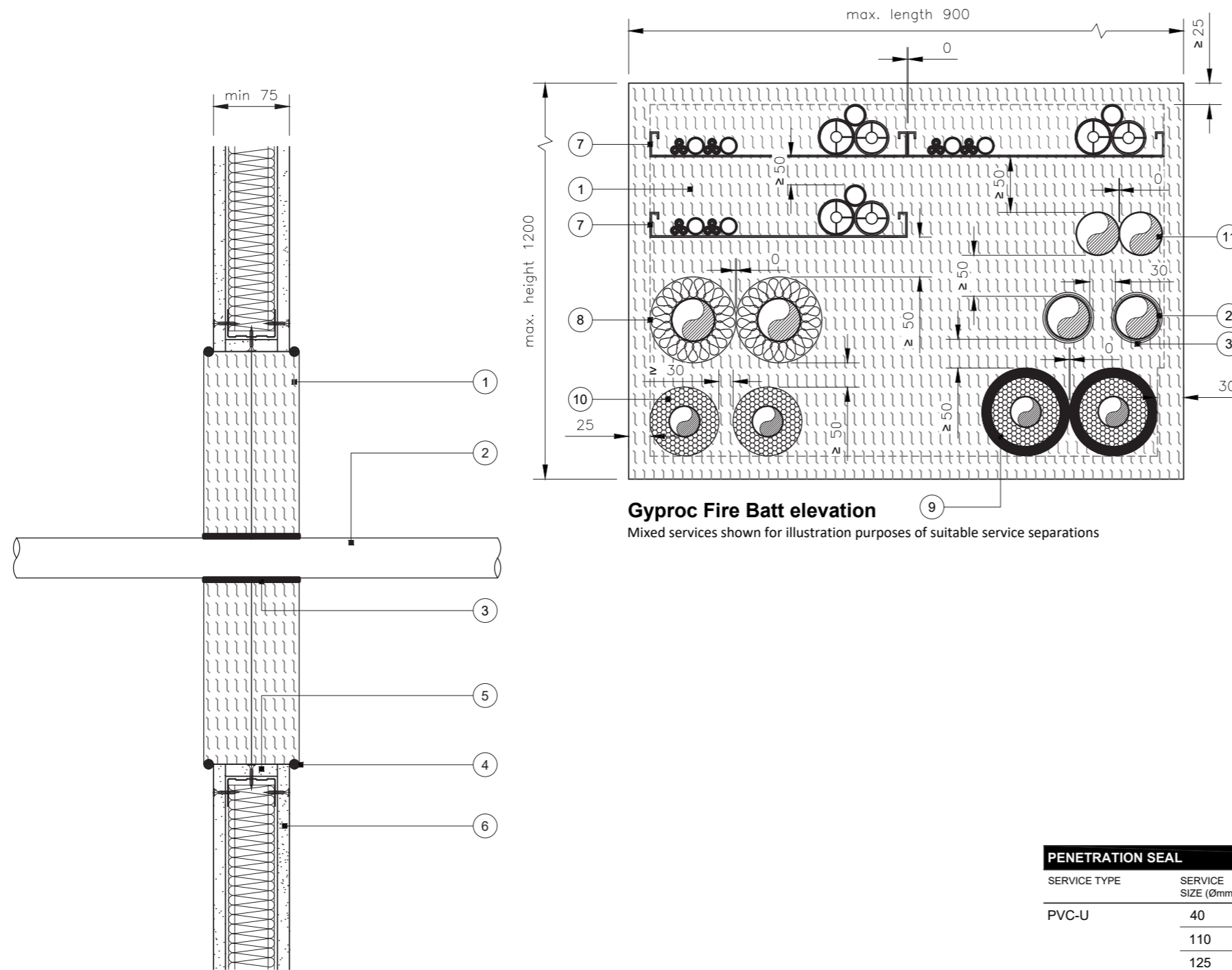
Dwg No.: CN-635-104

Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 52 – Double 50 mm Gyproc Fire Batt / Graphite Fire Sealant
Combustible pipes - PVC-U – Single layer 75mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:

- 25mm to aperture edge
- 30mm between similar services
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PVC-U	40	1.9 - 3.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 60 U/U
	110	2.7 - 6.6	100		50 x 3.6 (2 layers)	EI 60 U/C
	125	3.7 - 7.4	100		50 x 5.4 (3 layers)	EI 60 U/C
	160	4.0 - 9.5	100		50 x 10.8 (6 layers)	EI 60 U/C
	200	4.9 - 11.9	100		50 x 10.8 (6 layers)	EI 60 C/C
	315	7.7 - 12.1	100		50 x 18 (10 layers)	EI 60 C/C
	400	9.8 - 15.3	100		50 x 28.8 (16 layers)	EI 60 C/C

* If specific pipe size is not stated please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

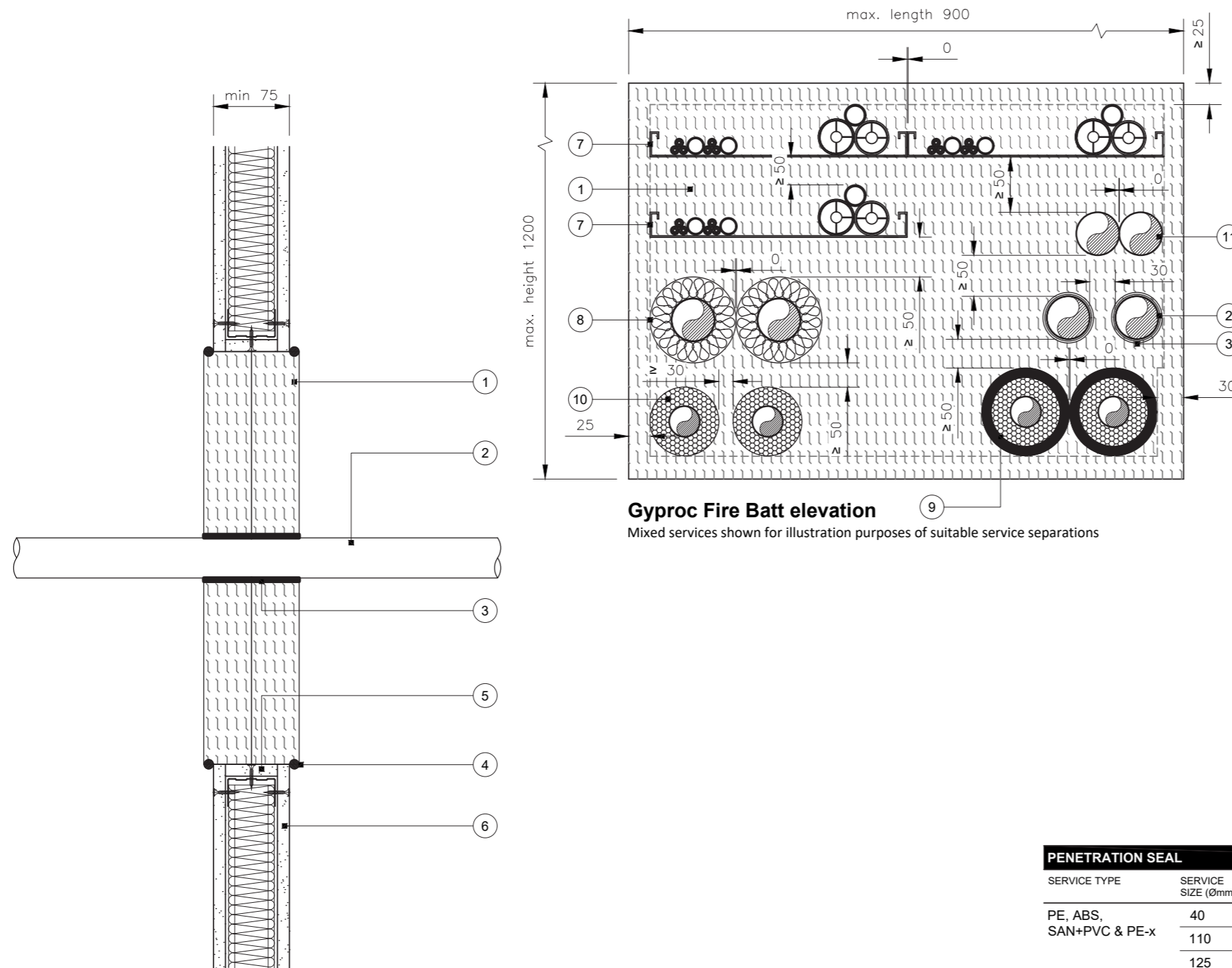
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-107

Revision: -

Detail 53 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Combustible pipes - PE, ABS, SAN+PVC & PE-x, Single layer 75mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PE, ABS, SAN+PVC & PE-x	40	2.4 - 3.7	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 60 U/U
	110	4.2 - 10.0	100		50 x 3.6 (2 layers)	EI 60 U/C
	125	4.8 - 12.0	100		50 x 5.4 (3 layers)	EI 60 U/C
	160	4.9 - 14.6	100		50 x 10.8 (6 layers)	EI 60 U/C
	200	6.2 - 18.2	100		50 x 10.8 (6 layers)	EI 60 C/C
	315	12.1 - 18.6	100		50 x 18 (10 layers)	EI 30 C/C
	400	23.7	100		50 x 28.8 (16 layers)	EI 60 C/C

* If specific pipe size is not stated please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

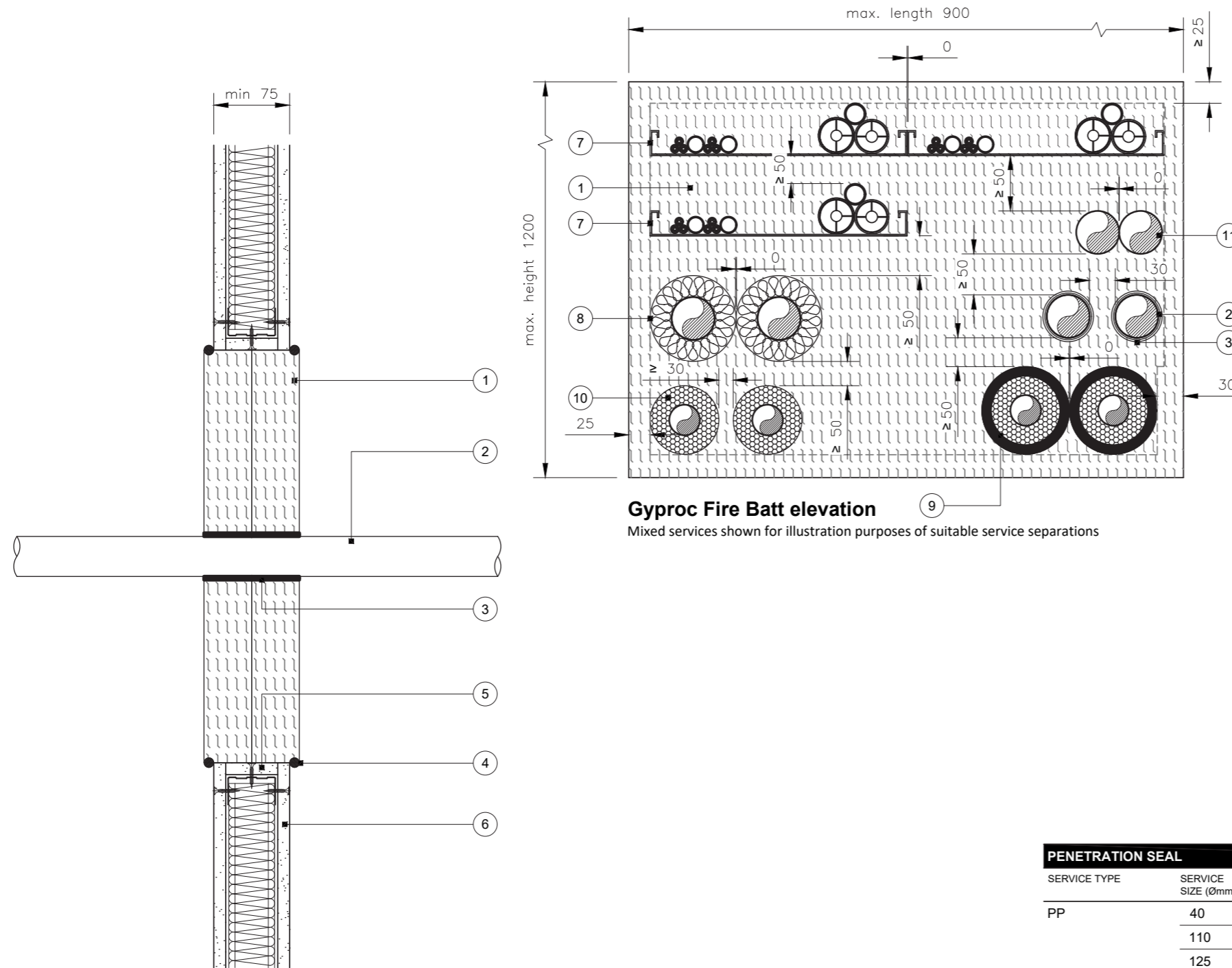
Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

Title: Construction detail **Scale at A3:** 1:5 **Drawn:** CT
Date: March 2026 **Approved:** JMC / MKF
Dwg No.: CN-635-108 **Revision:** -

Detail 54 - Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Combustible pipes - PP, Single layer 75 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Installation guidance

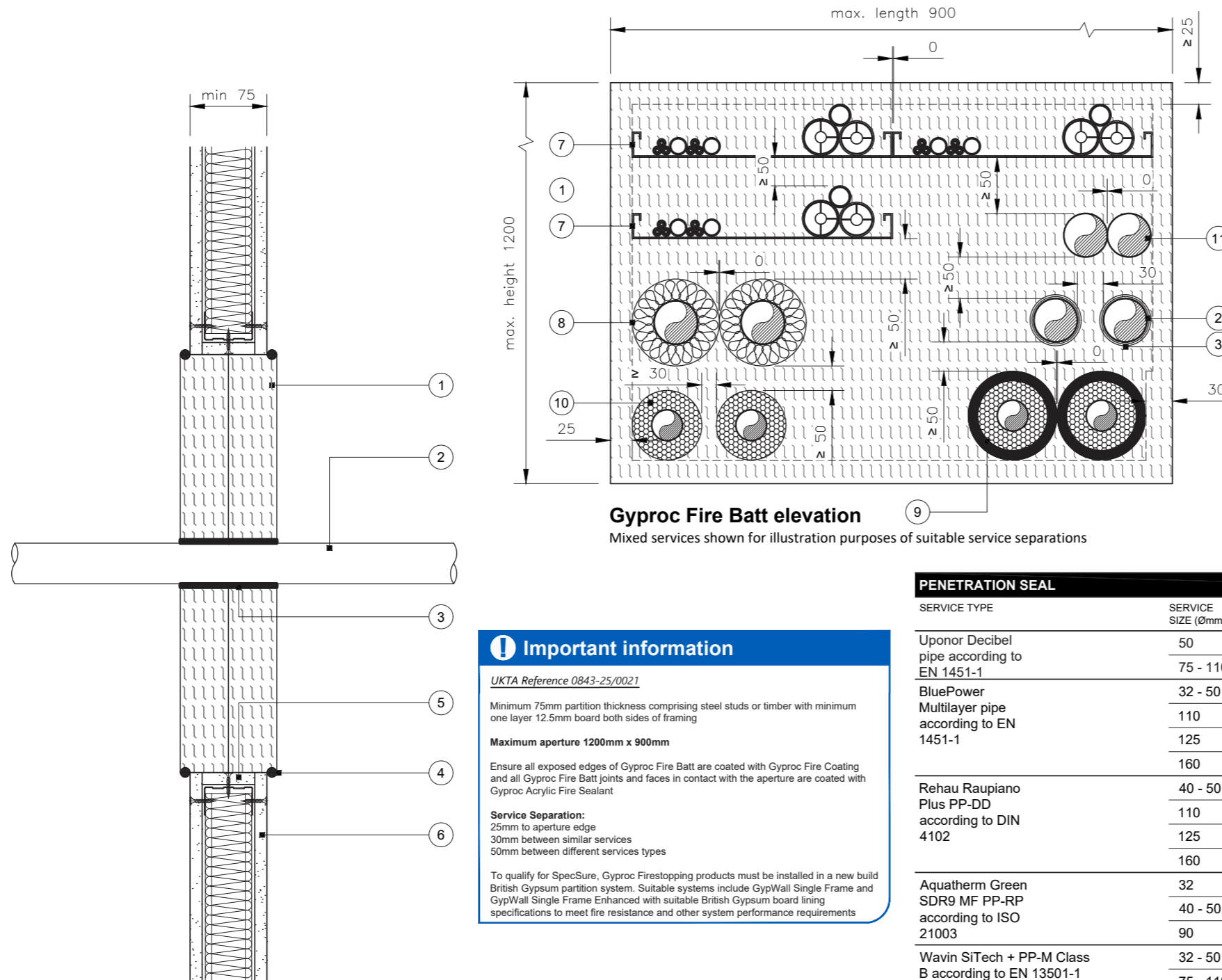
- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PP	40	1.8 - 5.5	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 60 U/U
	110	2.7 - 15.1	100		50 x 3.6 (2 layers)	EI 60 U/U
	125	3.1 - 17.1	100		50 x 5.4 (3 layers)	EI 60 U/C
	160	4.9 - 21.9	100		50 x 10.8 (6 layers)	EI 60 U/C
	200	4.9 - 18.2	100		50 x 10.8 (6 layers)	EI 60 C/C
	315	12.1 - 28.5	100		50 x 18 (10 layers)	EI 30 C/C
	400	22.7	100		50 x 28.8 (16 layers)	EI 30 C/C

* If specific pipe size is not stated please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail	Scale at A3: 1:5	Drawn: CT
	Date: March 2026	Approved: JMC / MKF
	Dwg No.: CN-635-109	Revision: -

Detail 55 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Manufacturer specific combustible pipe penetrations, Single layer 75 mm partition



- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:

25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Uponor Decibel pipe according to EN 1451-1	50	2.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 60 U/U
	75 - 110	2.6 - 3.8	100		50 x 3.6 (2 layers)	EI 60 U/C
	110	4.9	100		50 x 3.6 (2 layers)	EI 60 U/U
BluePower Multilayer pipe according to EN 1451-1	125	4.9	100		50 x 3.6 (2 layers)	EI 60 C/U
	160	4.9	100		50 x 10.8 (6 layers)	EI 60 U/C
					50 x 10.8 (6 layers)	EI 60 U/C
Rehau Raupiano Plus PP-DD according to DIN 4102	40 - 50	1.8 - 2.7	100		50 x 3.6 (2 layers)	EI 60 U/U
	110	2.7	100		50 x 3.6 (2 layers)	EI 60 U/C
	125	3.9	100		50 x 7.2 (4 layers)	EI 60 U/C
Aquatherm Green SDR9 MF PP-RP according to ISO 21003	160	3.9	100		50 x 10.8 (6 layers)	EI 60 U/C
	32	3.0	100		50 x 1.8 (1 layers)	EI 60 C/C
	40 - 50	5.6 - 12.3	100		50 x 3.6 (2 layers)	EI 60 C/C
Wavin SiTech + PP-M Class B according to EN 13501-1	90	12.0	100		50 x 3.6 (2 layers)	EI 60 C/C
	32 - 50	1.8 - 3.4	100		50 x 3.6 (2 layers)	EI 60 U/U
	75 - 110	3.4	100		50 x 3.6 (2 layers)	EI 60 U/C
Geberit Silent PP according to DIN 4102	125	3.9	100	50 x 3.6 (2 layers)	EI 60 U/U	
	110	3.4	100	50 x 3.6 (2 layers)	EI 60 U/C	
	125	3.9	100	50 x 10.8 (6 layers)	EI 60 U/C	
	160	4.9	100	50 x 10.8 (6 layers)	EI 60 U/C	

If specific pipe size is not stated please refer to UKTA

Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

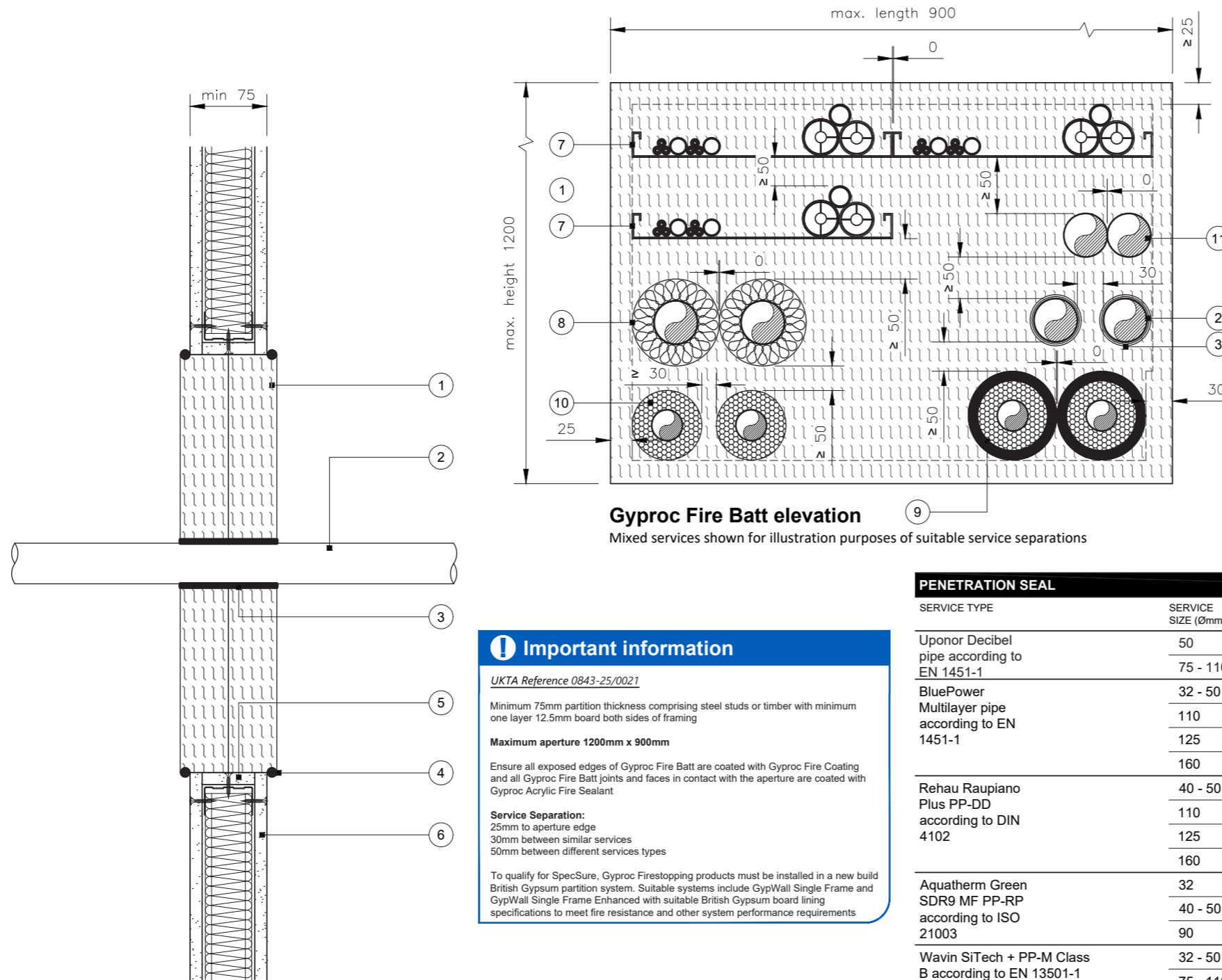
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-110

Revision: -

Detail 56 - Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Manufacturer specific combustible pipe penetrations, Single layer 75 mm partition



- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant and Gyproc Fire Coating - see important information
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 75mm partition thickness comprising steel studs or timber with minimum one layer 12.5mm board both sides of framing

Maximum aperture 1200mm x 900mm

Ensure all exposed edges of Gyproc Fire Batt are coated with Gyproc Fire Coating and all Gyproc Fire Batt joints and faces in contact with the aperture are coated with Gyproc Acrylic Fire Sealant

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame and GypWall Single Frame Enhanced with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double Gyproc Fire Batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for sealing the perimeter of the opening and internal batt faces i.e. batt to batt joints or batt to substrate joints

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Uponor Decibel pipe according to EN 1451-1	50	2.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 60 U/U
	75 - 110	2.6 - 3.8	100		50 x 3.6 (2 layers)	EI 60 U/C
	110	4.9	100		50 x 3.6 (2 layers)	EI 60 U/U
BluePower Multilayer pipe according to EN 1451-1	125	4.9	100		50 x 3.6 (2 layers)	EI 60 C/U
	160	4.9	100		50 x 10.8 (6 layers)	EI 60 U/C
					50 x 10.8 (6 layers)	EI 60 U/C
Rehau Raupiano Plus PP-DD according to DIN 4102	40 - 50	1.8 - 2.7	100		50 x 3.6 (2 layers)	EI 60 U/U
	110	2.7	100		50 x 3.6 (2 layers)	EI 60 U/C
	125	3.9	100		50 x 7.2 (4 layers)	EI 60 U/C
Aquatherm Green SDR9 MF PP-RP according to ISO 21003	160	3.9	100		50 x 10.8 (6 layers)	EI 60 U/C
	32	3.0	100		50 x 1.8 (1 layers)	EI 60 C/C
	40 - 50	5.6 - 12.3	100		50 x 3.6 (2 layers)	EI 60 C/C
Wavin SiTech + PP-M Class B according to EN 13501-1	90	12.0	100	50 x 3.6 (2 layers)	EI 60 C/C	
	32 - 50	1.8 - 3.4	100	50 x 3.6 (2 layers)	EI 60 U/U	
	75 - 110	3.4	100	50 x 3.6 (2 layers)	EI 60 U/C	
Geberit Silent PP according to DIN 4102	125	3.9	100	50 x 3.6 (2 layers)	EI 60 U/U	
	110	3.4	100	50 x 3.6 (2 layers)	EI 60 U/C	
	125	3.9	100	50 x 10.8 (6 layers)	EI 60 U/C	
	160	4.9	100	50 x 10.8 (6 layers)	EI 60 U/C	

If specific pipe size is not stated please refer to UKTA

Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-635-110

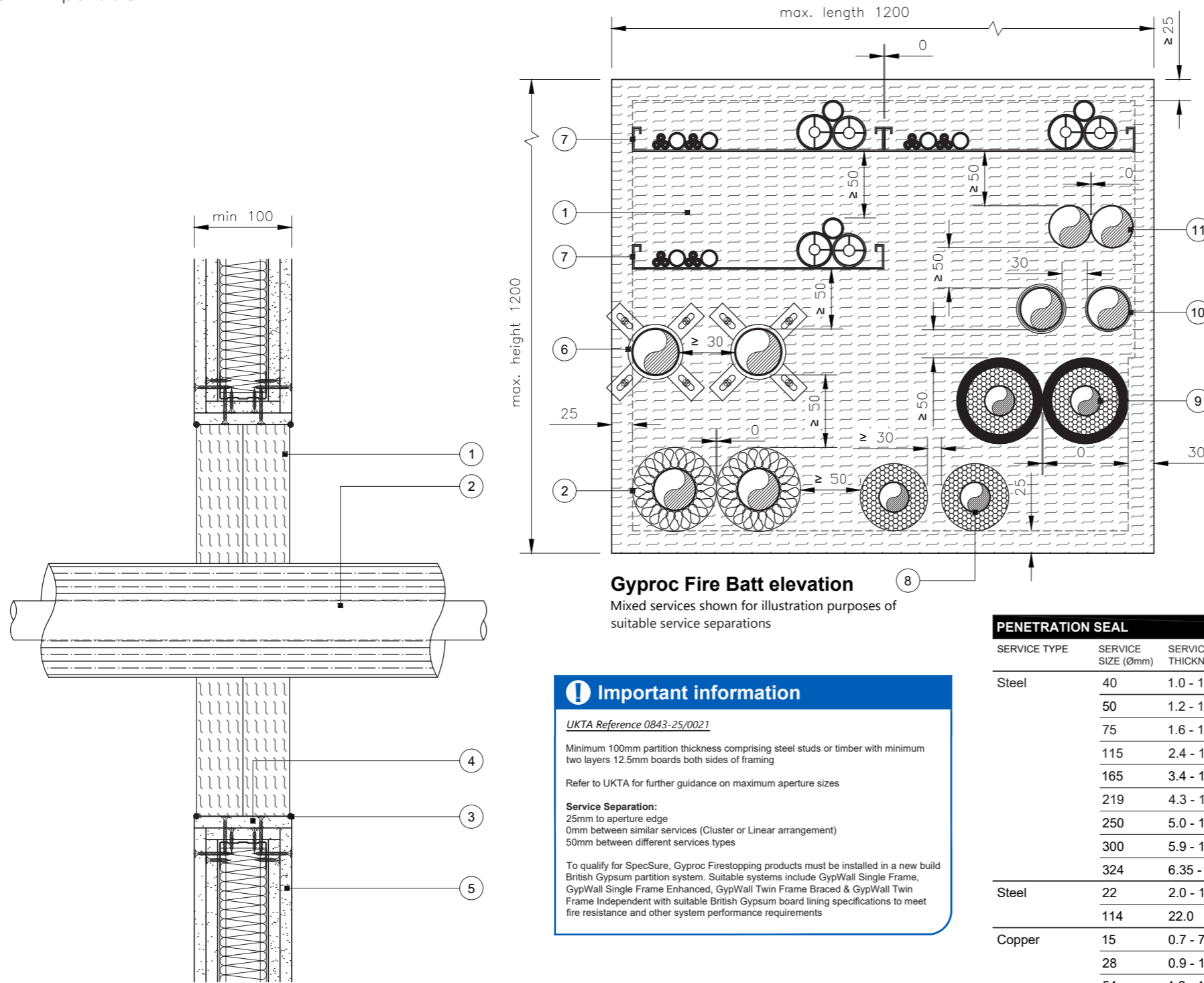
Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 57 – Double 50 mm Gyproc Fire Batt

Metallic pipes with stone/glass mineral wool insulation (Continued Sustained - CS), double layer 100 mm partition



- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with stone mineral wool/glass mineral wool insulation (CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Combustible pipes with Gyproc Pipe Collar
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Combustible pipes with single/double Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Stone mineral wool insulation min. 80kg/m³	≥ 20	EI 120 C/U
	50	1.2 - 14.2	100		≥ 30	EI 120 C/U
	75	1.6 - 14.2	100		≥ 30	EI 120 C/U
	115	2.4 - 14.2	100		≥ 30	EI 120 C/U
	165	3.4 - 14.2	100		≥ 30	EI 120 C/U
	219	4.3 - 14.2	100		≥ 30	EI 120 C/U
	250	5.0 - 14.2	100		≥ 30	EI 120 C/U
	300	5.9 - 14.2	100		≥ 30	EI 120 C/U
Steel	324	6.35 - 14.2	100	N/A	≥ 30	EI 120 C/U
	22	2.0 - 11.0	100		N/A	E 120, EI 60 C/U
Copper	114	22.0	100	Stone mineral wool insulation min. 80kg/m³	N/A	E 90, EI 20 C/U
	15	0.7 - 7.5	100		≥ 20	EI 120 C/C
	28	0.9 - 14.2	100		≥ 20	EI 120 C/C
Copper	54	1.2 - 14.2	100	Glass or stone mineral wool insulation min. 75 kg/m³	≥ 20	EI 120 C/C
	15	0.7 - 7.5	100		30 - 60	EI 60 C/C
	28	0.9 - 14.2	100		30 - 60	EI 60 C/C
Alupex	54	1.2 - 14.2	100	Glass or stone mineral wool insulation min. 75 kg/m³	30 - 60	EI 60 C/C
	16	2.0	100		25 - 60	E 120, EI 90 C/C
	75	4.6	100		25 - 60	E 120, EI 90 C/C

If specific pipe size is not stated, please refer to UKTA

Section

Installation guidance

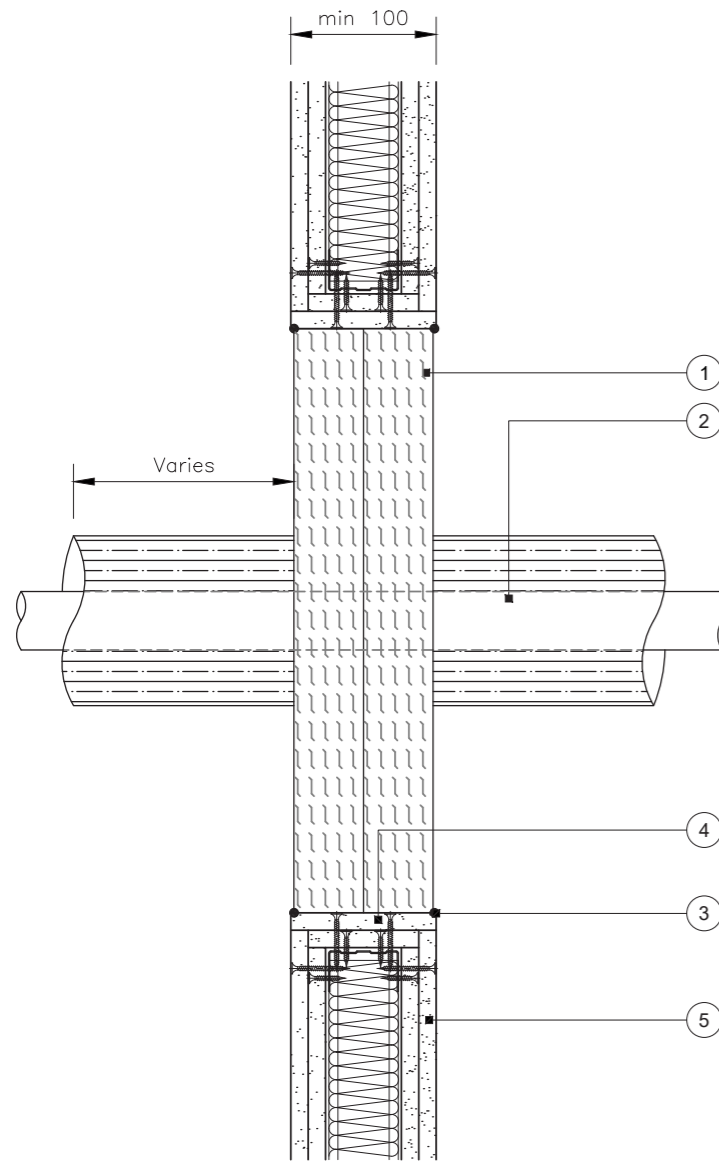
- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints

Title: Construction detail	Scale at A3: 1:5	Drawn: CT
	Date: March 2026	Approved: JMC / MKF
	Dwg No.: CN-635-151	Revision: -

Detail 58 – Double 50 mm Gyproc Fire Batt

Metallic pipes with stone mineral wool/glass mineral wool insulation

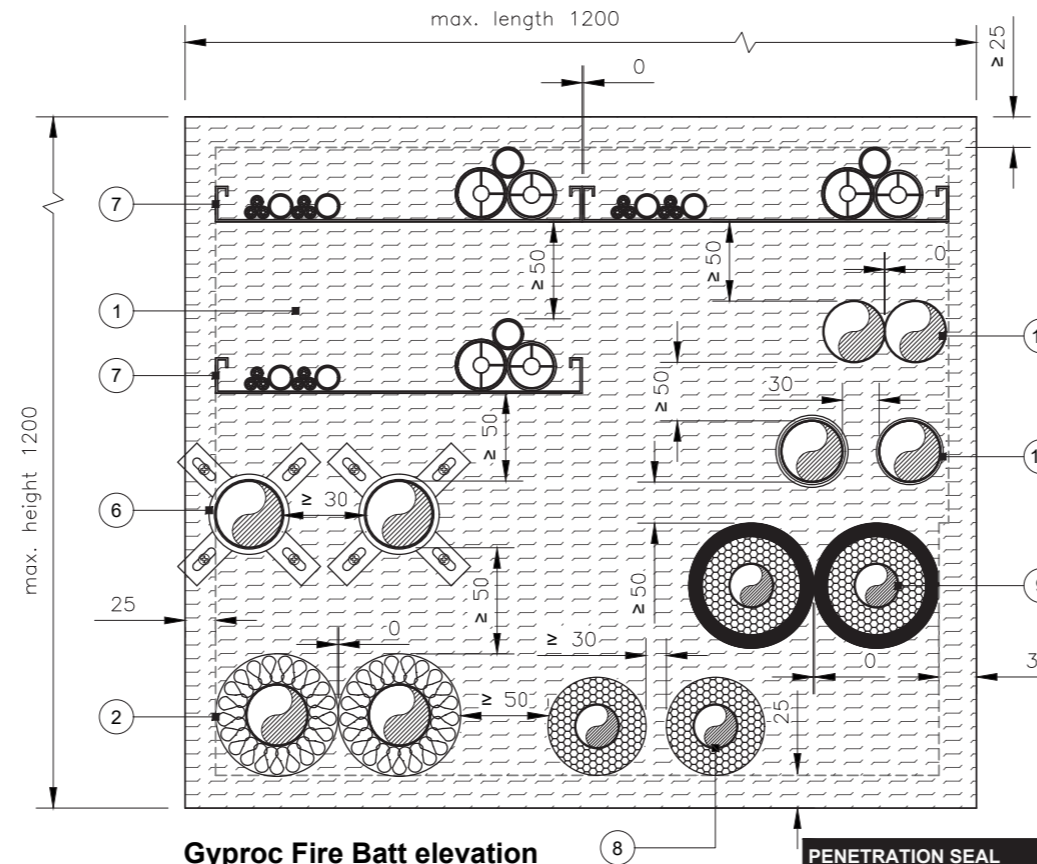
(Local interrupted - LI or Continued Interrupted - CI) Double layer 100mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Local Interrupted - LI pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along length



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

25mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with stone mineral wool/glass mineral wool insulation (Local Interrupted - LI or Continued Interrupted - CI) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Combustible pipes with Gyproc Pipe Collar
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 10 Combustible pipes with Gyproc Pipe Wrap
- 11 Un-insulated metallic pipes

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (LI or CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal	≥ 20	EI 120 C/U
	50	1.2 - 14.2	100		≥ 30	E 120, EI 90 C/U
	75	1.7 - 14.2	100		≥ 30	E 120, EI 90 C/U
	115	2.5 - 14.2	100		≥ 30	E 120, EI 90 C/U
	165	3.5 - 14.2	100		≥ 30	E 120, EI 90 C/U
	219	4.5 - 14.2	100		≥ 30	E 120, EI 90 C/U
Copper	273	5.0 - 14.2	100		≥ 30	E 90, EI 60 C/U
	12	0.7 - 6.0	100		≥ 20	EI 120 C/C
	28	0.9 - 14.2	100		≥ 20	EI 120 C/C
Copper	54	1.2 - 14.2	100		≥ 20	EI 120 C/C
	6	0.7 - 3.0	100		Min. 500mm length of glass or stone mineral wool insulation min. 75 kg/m³ on each side of the seal	≥ 30
	28	0.9 - 14.2	100	≥ 30		E 120, EI 30 C/C
108	1.5 - 14.2	100	≥ 30	E 120, EI 30 C/C		
Copper	159	2.0 - 14.2	100	Min. 1000mm length of stone mineral wool insulation min. 80 kg/m³ on each side of the seal	≥ 30	E 60, EI 30 C/C
Alupex	16	2.25	100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal	≥ 20	EI 120 C/C
	26	3.0	100		≥ 20	EI 60 C/C
	40	3.5	100		≥ 20	EI 60 C/C
	63	4.5	100		≥ 20	EI 60 C/C
	75	4.7	100		≥ 20	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

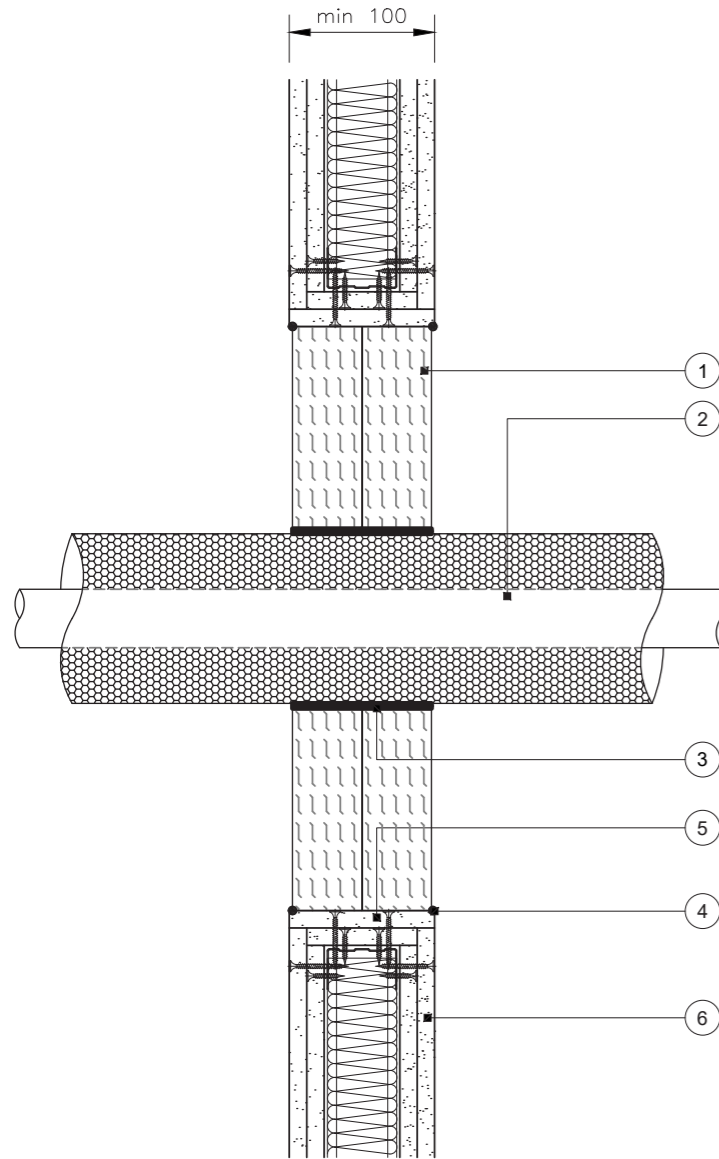
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-152

Revision: -

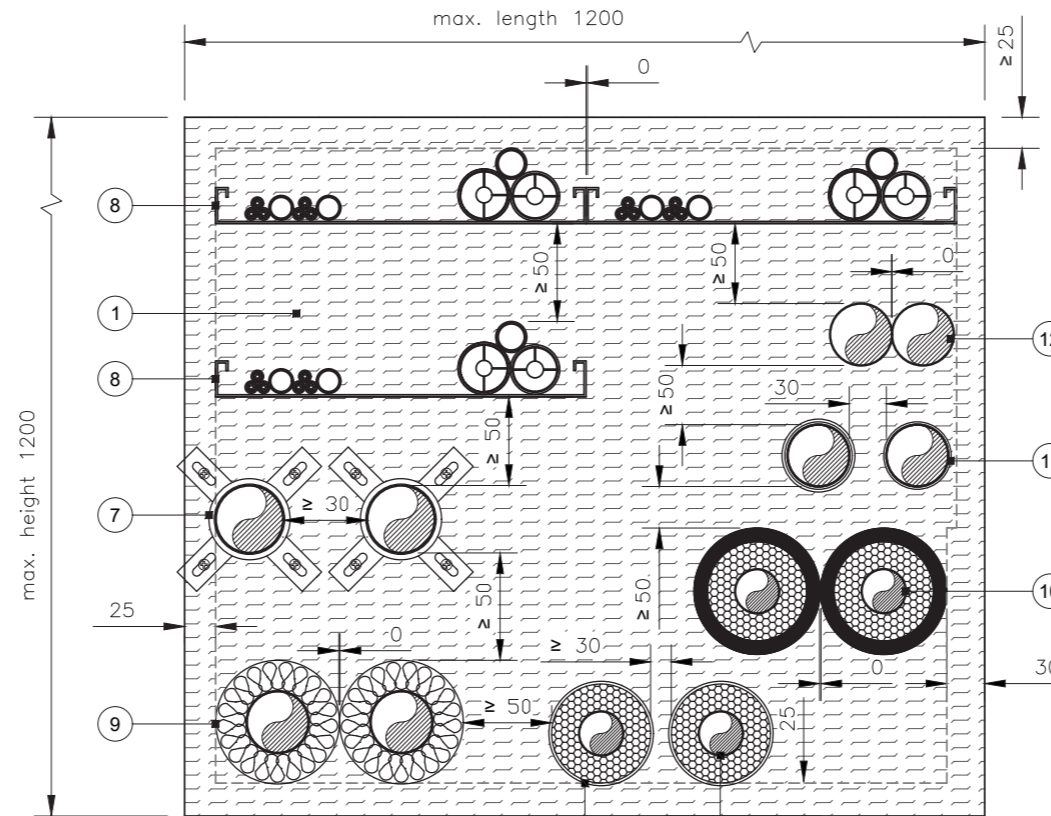
Detail 59 - Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Metallic pipes with elastomeric & PE foam insulation (Continued Sustained - CS) Double layer 100 mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with Elastomeric or PE foam insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Combustible pipes with single/double Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Copper	12	1.0	100	Elastomeric insulation minimum class B-s3,d0 or PE foam insulation	9	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 120 C/C
	13 - 54	1.0 - 1.2	100		9 - 13			E 120, EI 90 C/C
	6 - 54	0.7 - 1.2	100		13 - 25			E 120, EI 60 C/C
Steel	40	1.0 - 14.2	100		13 - 32		50 x 3.6 (2 layers)	E 120, EI 60 U/U
	75	2.0 - 14.2	100		13 - 32			E 120, EI 60 U/U
	115	3.1 - 14.2	100		13 - 32			E 120, EI 60 U/U
	165	4.5 - 14.2	100		13 - 32			E 120, EI 60 U/U
	40	1.0 - 14.2	100		32 - 50			50 x 5.4 (3 layers)
75	1.6 - 14.2	100	32 - 50		EI 90 C/U			
115	2.4 - 14.2	100	32 - 50		EI 90 C/U			
165	3.4 - 14.2	100	32 - 50		EI 90 C/U			
200	4.0 - 14.2	100	32 - 50		EI 90 C/U			
250	5.0 - 14.2	100	32 - 50	EI 90 C/U				
Alupex Composite	324	6.35 - 14.2	100	32 - 50	50 x 3.6 (2 layers)	EI 90 C/U		
	16	2.25	100	9 - 25		EI 120 C/C		
	32	3.0	100	9 - 25		EI 120 C/C		
	50	4.0	100	9 - 25		EI 120 C/C		
	75	4.7	100	9 - 25		EI 120 C/C		

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

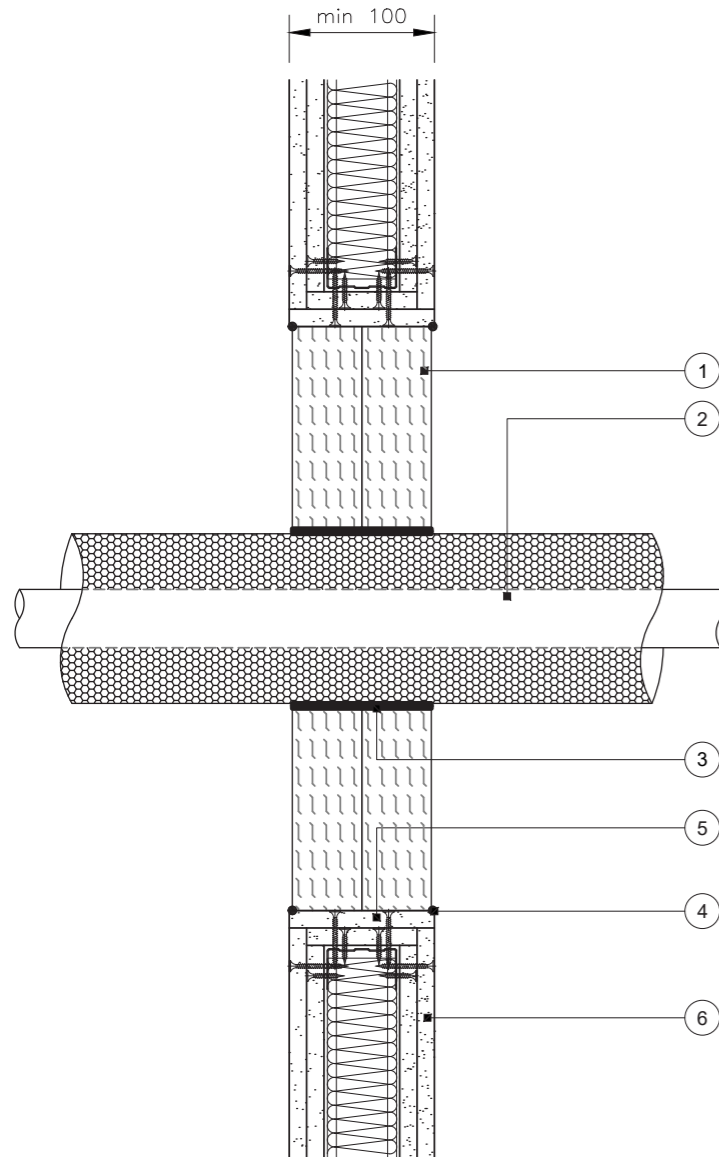
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-153

Revision: -

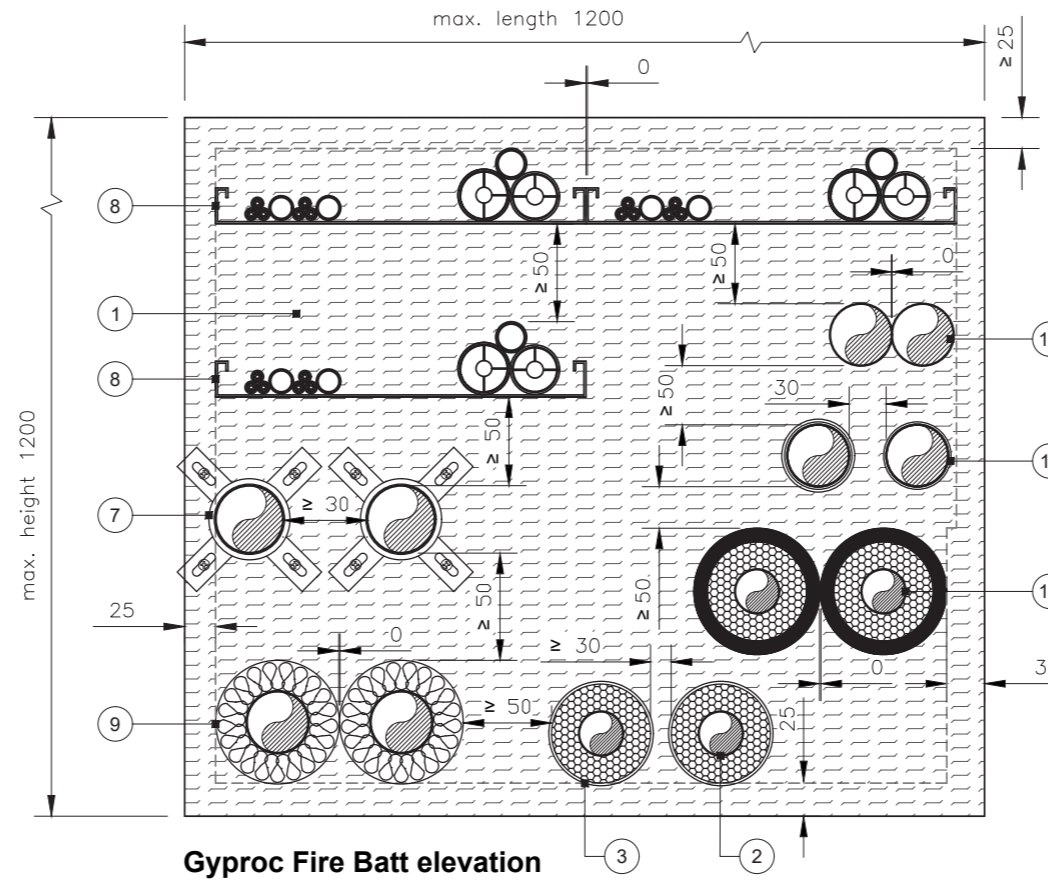
Detail 60 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
Metallic pipes with phenolic insulation (Continued Sustained - CS)
Double layer 100 mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with phenolic insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Combustible pipes with single/double Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Copper	15	0.7	100	Phenolic insulation	15	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	E 120, EI 90 C/C
	6	0.7 - 3.0	100		15			E 120, EI 30 C/C
	28	0.9 - 14.2	100		15			E 120, EI 30 C/C
	159	1.5 - 14.2	100		15			E 120, EI 30 C/C
	6	0.7 - 3.0	100		16 - 99			E 60, EI 30 C/C
	28	0.9 - 14.2	100		16 - 99			E 60, EI 30 C/C
	159	1.5 - 14.2	100		16 - 99			E 60, EI 30 C/C
	6	0.7 - 3.0	100		34 - 100			EI 60 C/C
	28	0.9 - 14.2	100		34 - 100			EI 60 C/C
Steel	54	1.2 - 14.2	100	34 - 100	EI 60 C/C			
	16	1.0 - 8.0	100	25 - 100	EI 90 C/U			
	28	1.3 - 14.2	100	25 - 100	EI 90 C/U			
	273	6.35 - 14.2	100	25 - 100	EI 90 C/U			

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

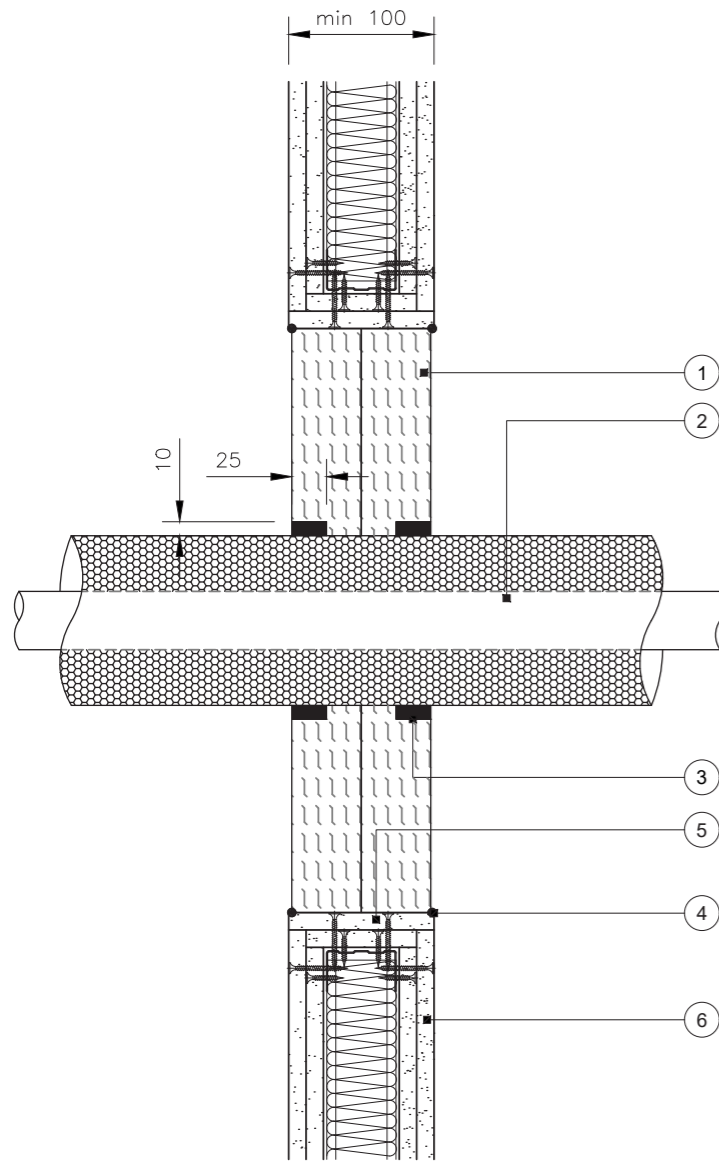
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-154

Revision: -

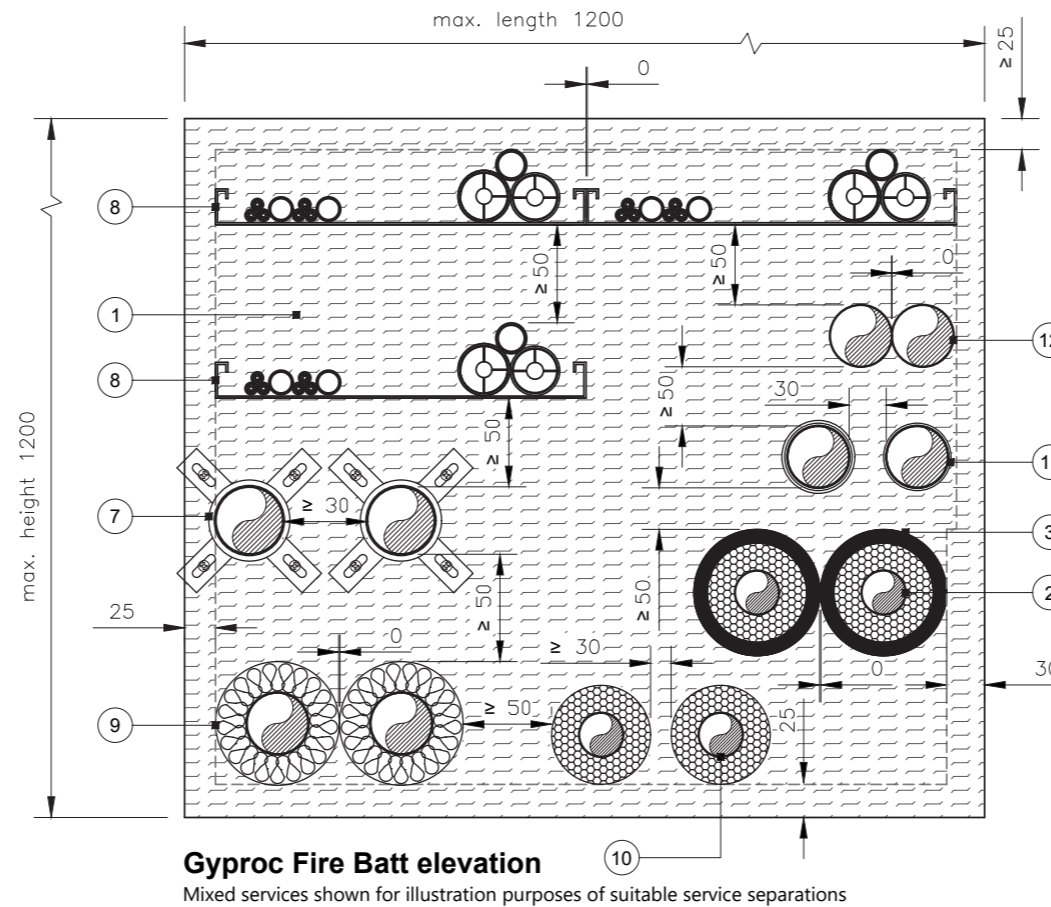
Detail 61 – Double 50 mm Gyproc Fire Batt / Gyproc Graphite Fire Sealant
Metallic pipes with combustible insulation (Continued Sustained - CS) Double layer 100 mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Graphite Fire Sealant annular gap and depth stated within performance table



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with combustible insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Graphite Fire Sealant
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation & Gyproc Pipe Wrap
- 11 Combustible pipes with single/double Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Minimum 33 kg/m³ stonewool backing or notch Gyproc fire batt to required sealant depth

Service Separation:
30mm to aperture edge
0mm between similar services (Cluster or linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	ANNULAR GAP (mm)	SEALANT DEPTH (mm)	CLASSIFICATION
Copper & Steel	6	0.7 - 3.0	100	Elastomeric insulation minimum class B-s3,d0 or PE foam insulation	9	Gyproc Graphite Fire Sealant	10	25mm depth in both batt faces	Ei 120 C/C
	18	0.8 - 9.0	100		9		10		E 120, Ei 90 C/C
	28	1.0 - 14.2	100		19		10		E 120, Ei 90 C/C
	54	1.2 - 14.2	100	19	10		E 120, Ei 90 C/C		
	6	0.7 - 3.0	100	Phenolic Insulation	25		10	25mm depth in both batt faces	E 120, Ei 60 C/C
	18	0.8 - 9.0	100		25		10		E 120, Ei 60 C/C
28	1.0 - 14.2	100	25		10	E 120, Ei 60 C/C			
54	1.2 - 14.2	100	25		10	E 120, Ei 60 C/C			
Alupex Composite	14	2.0	100	PE foam insulation minimum class E	6		10	25mm depth in both batt faces	E 90, Ei 60 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

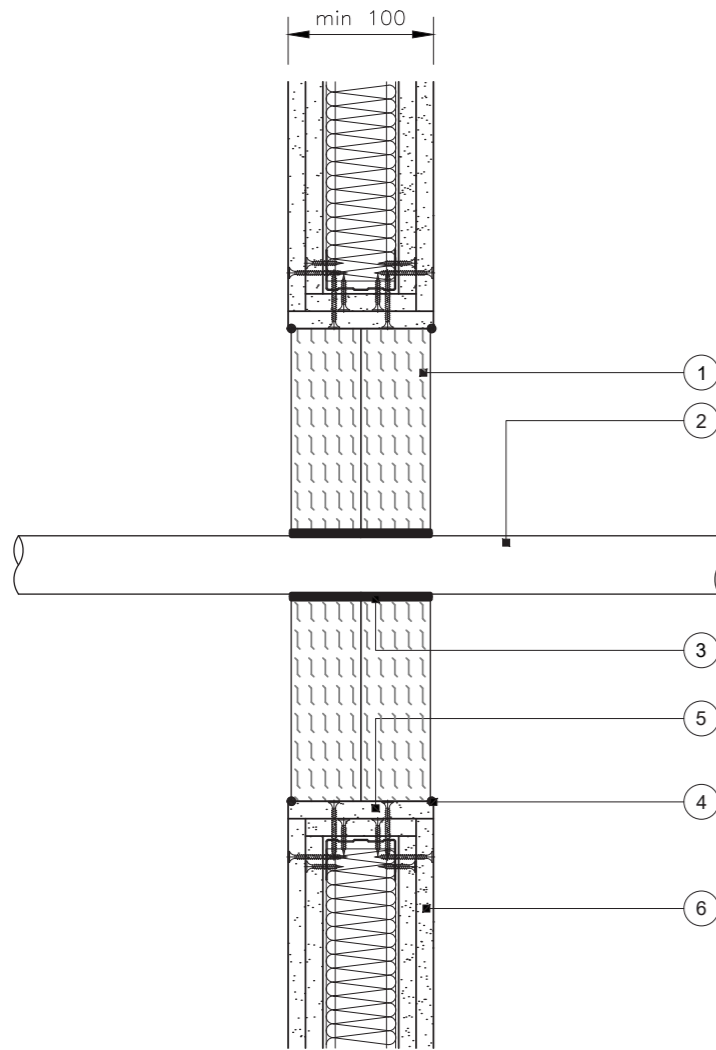
Date: March 2026

Approved: JMC / MKF

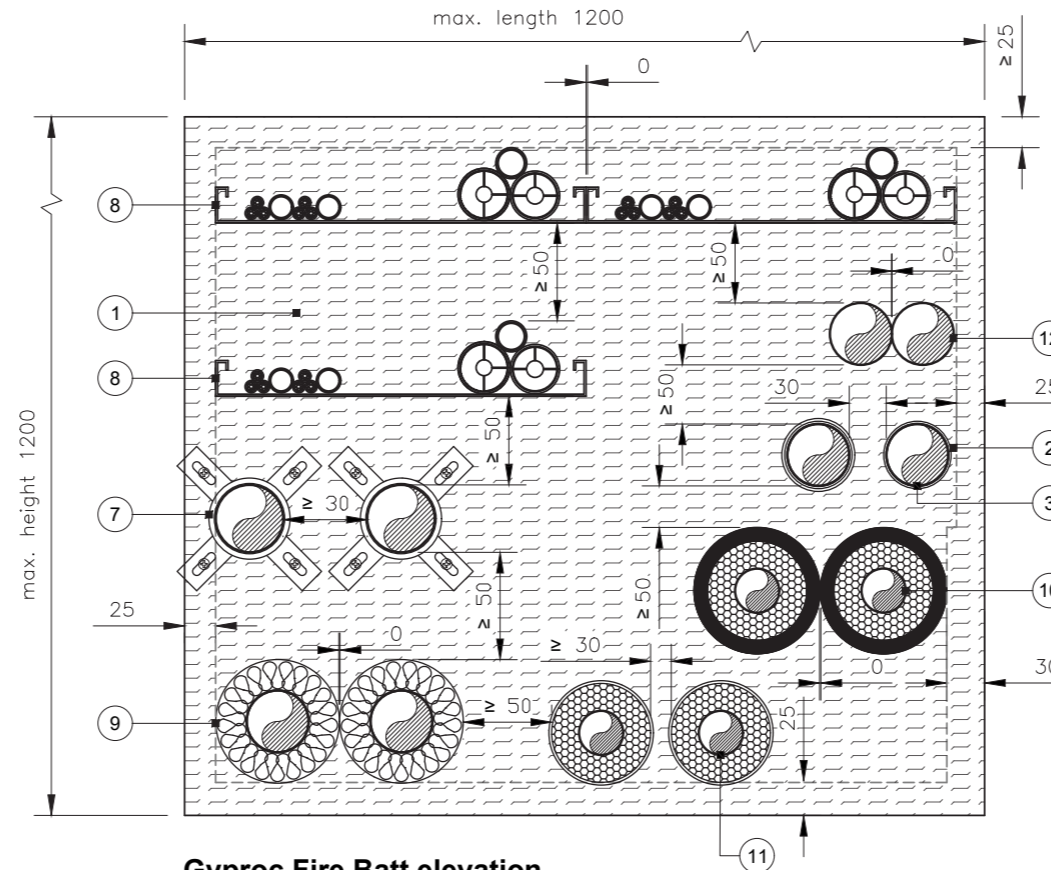
Dwg No.: CN-635-155

Revision: -

Detail 62 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PVCu pipes - Double layer 100 mm partition



Section



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Installation guidance

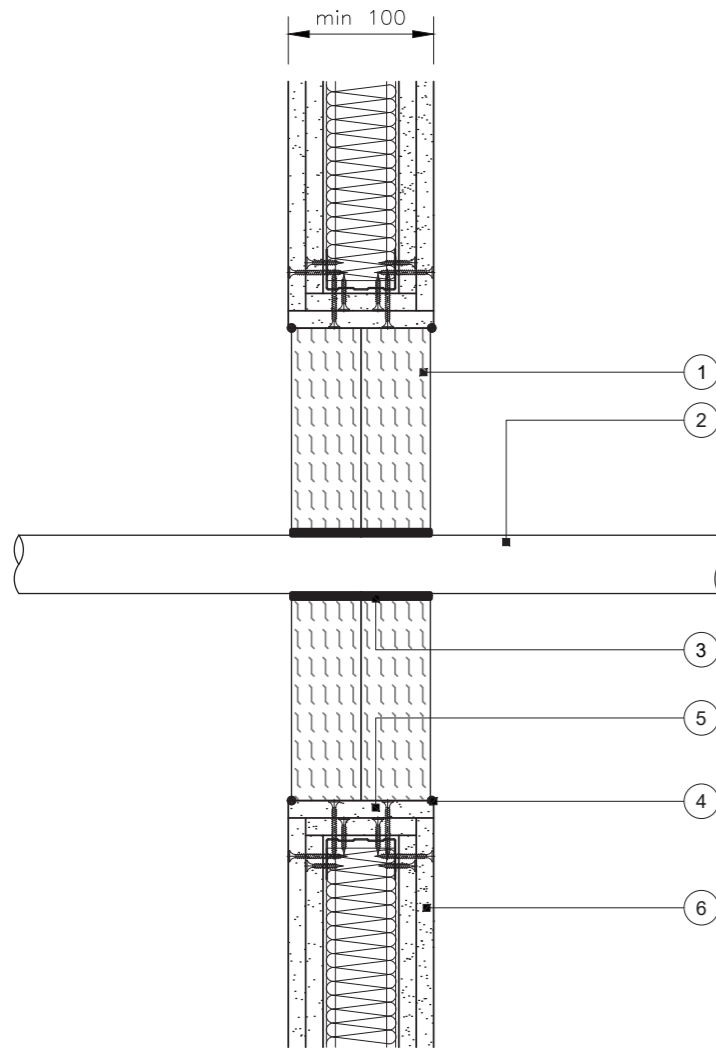
- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PVC-U	40	1.9 - 3.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	2.7 - 6.6	100		50 x 3.6 (2 layers)	E 120, EI 90 U/C
	125	3.7 - 7.4	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.0 - 9.5	100		50 x 10.8 (6 layers)	E 90, EI 60 U/C
	200	4.9 - 11.9	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	7.7 - 12.1	100		50 x 18 (10 layers)	EI 90 C/C
	400	9.8 - 15.3	100		50 x 28.8 (16 layers)	EI 90 C/C

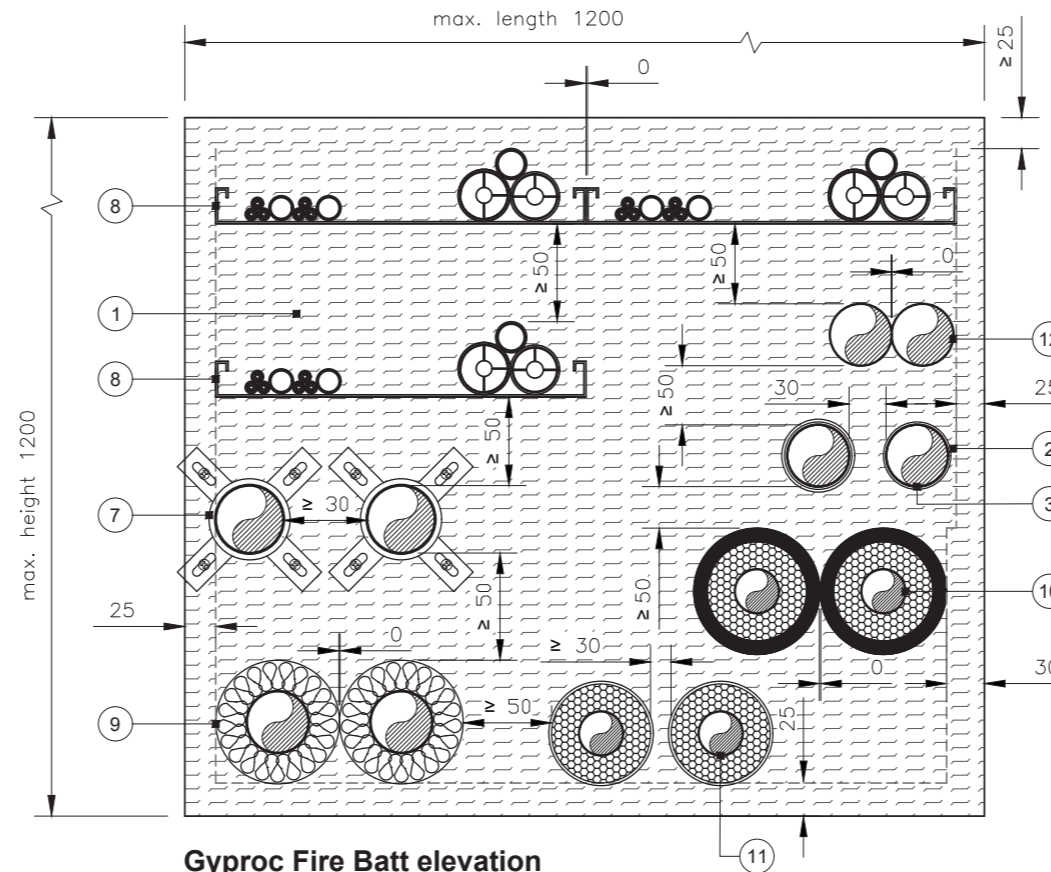
If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail Scale at A3: 1:5 Drawn: CT
Date: March 2026 Approved: JMC / MKF
Dwg No.: CN-635-156 Revision: -

Detail 63 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PE, ABS, SAN+PVC and PE-x pipes - Double layer 100 mm partition



Section



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints.
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers

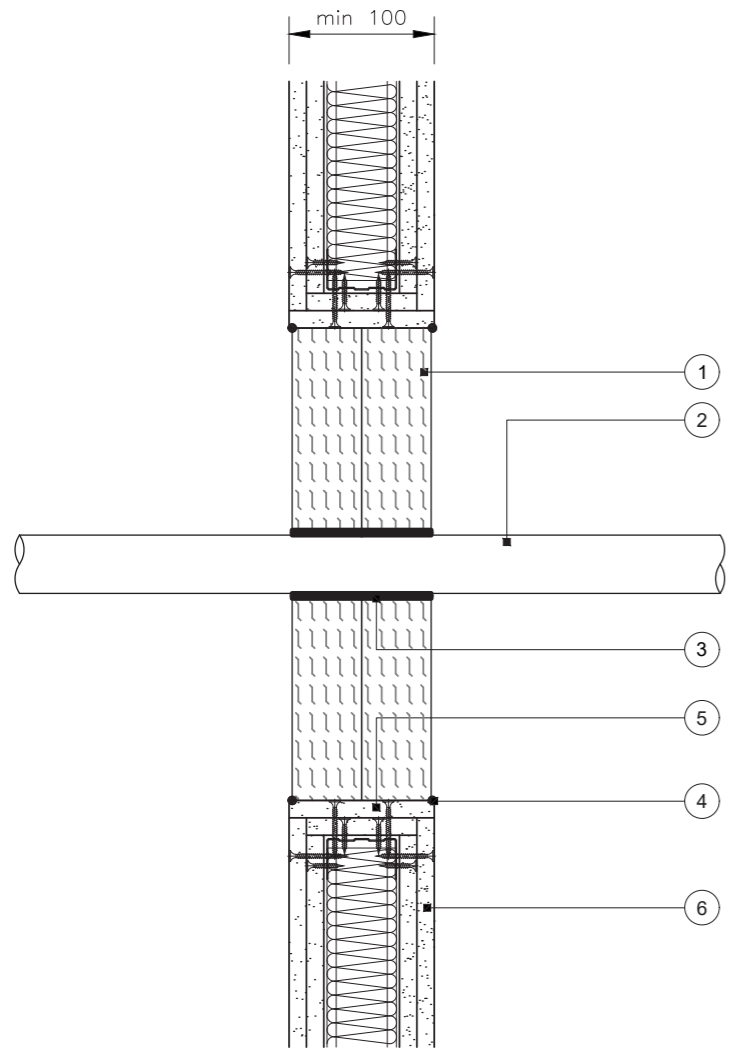
PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PE, ABS, SAN+PVC & PE-x	40	2.4 - 3.7	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	4.2 - 10.0	100		50 x 3.6 (2 layers)	E 120, EI 90 U/C
	125	4.8 - 12.0	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.9 - 14.6	100		50 x 10.8 (6 layers)	E 90, EI 60 U/C
	200	6.2 - 18.2	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	12.1 - 18.6	100		50 x 18 (10 layers)	EI 30 C/C
	400	23.7	100		50 x 28.8 (16 layers)	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-157
Drawn: CT
Approved: JMC / MKF
Revision: -

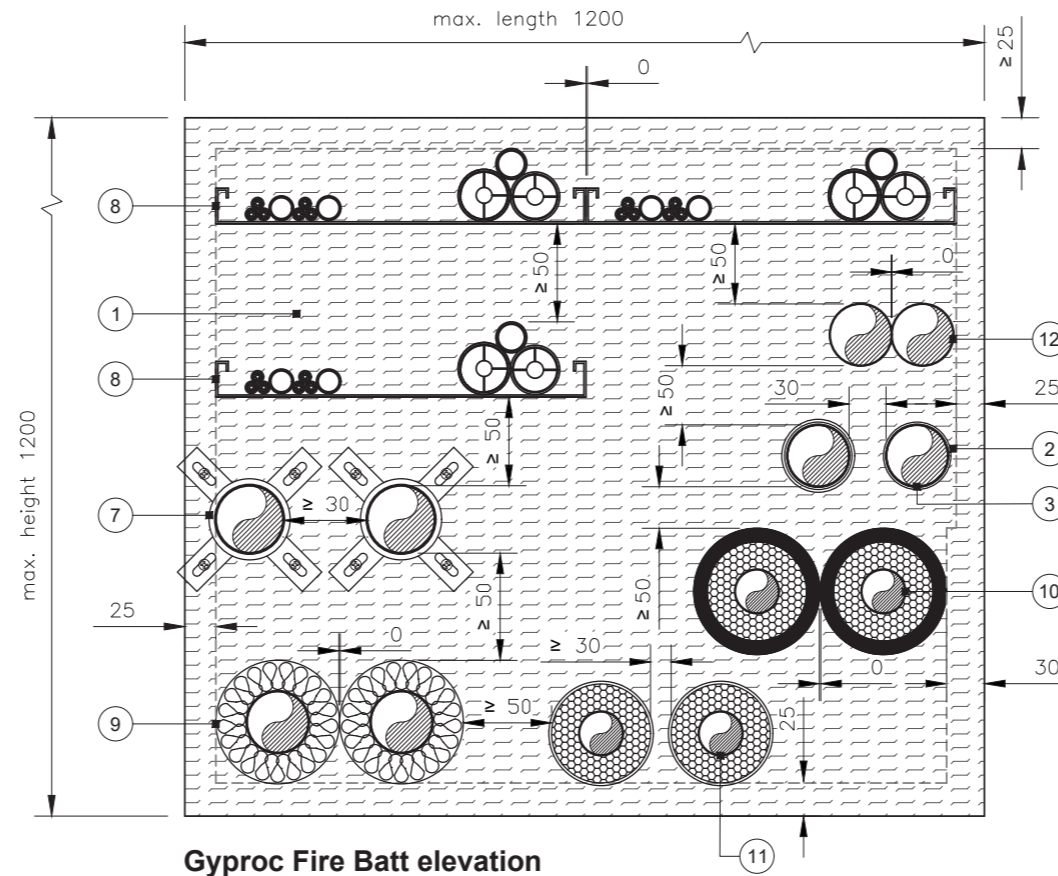
Detail 64 - Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PP pipes - Double layer 100 mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PP	40	1.8 - 5.5	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	2.7 - 15.1	100		50 x 3.6 (2 layers)	EI 90 U/U
	125	3.1 - 17.1	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.9 - 21.9	100		50 x 10.8 (6 layers)	EI 60 U/C
	200	4.9 - 18.2	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	12.1 - 28.5	100		50 x 18 (10 layers)	EI 30 C/C
	400	22.7	100		50 x 28.8 (16 layers)	EI 30 C/C

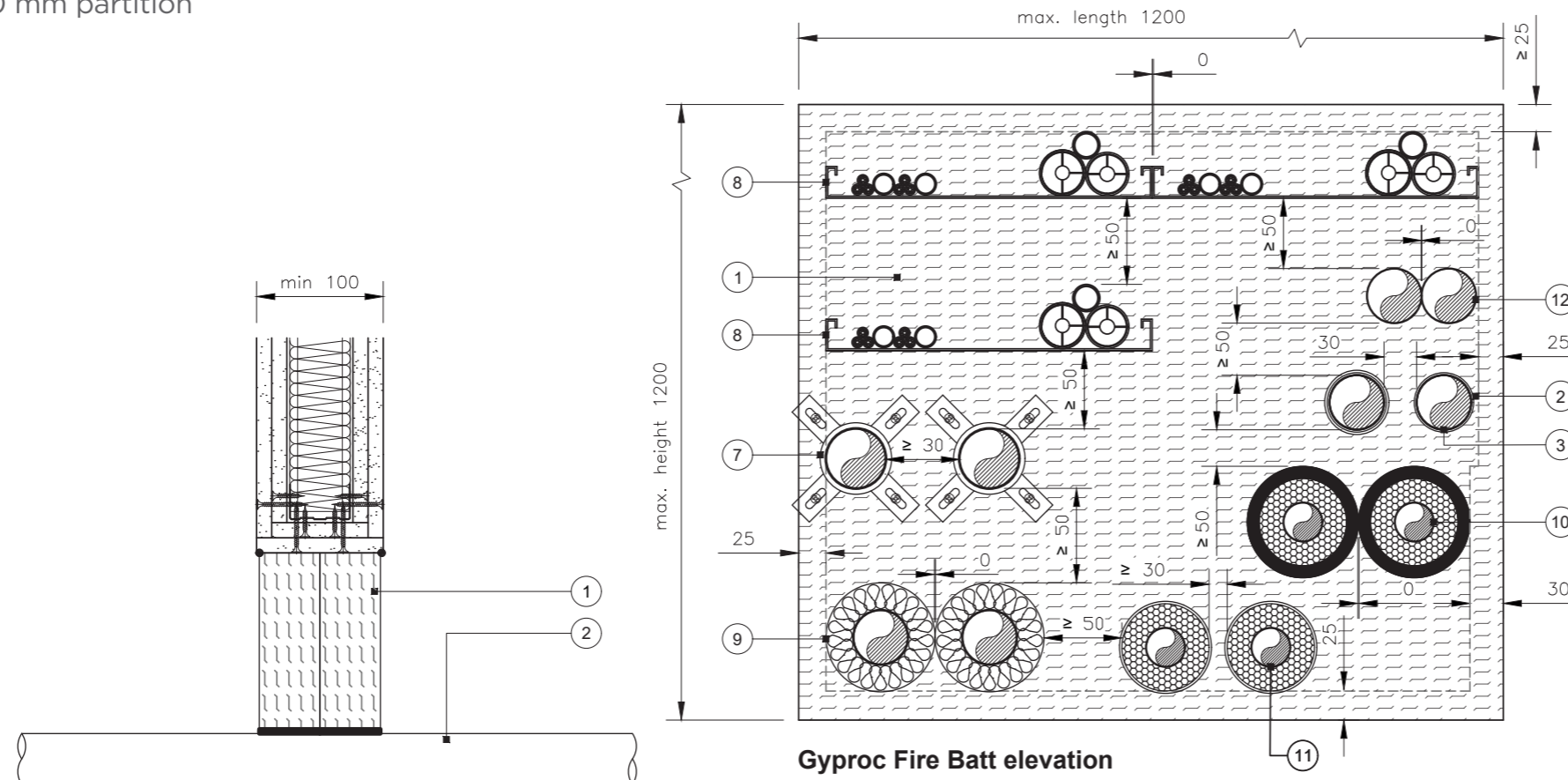
If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-158
Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 65 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap

Manufacturer specific combustible pipe penetrations

Double layer 100 mm partition



- 1 Double 50mm Gyproc Fire Batt
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with Gyproc Pipe Collar
- 8 Cables on trays, ladders and baskets
- 9 Metallic pipes with stone mineral wool insulation
- 10 Metallic pipes with combustible insulation and Gyproc Graphite Fire Sealant
- 11 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 12 Un-insulated metallic pipes

Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s)
- Double batt applications to be installed with staggered joints
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
30mm between similar services
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

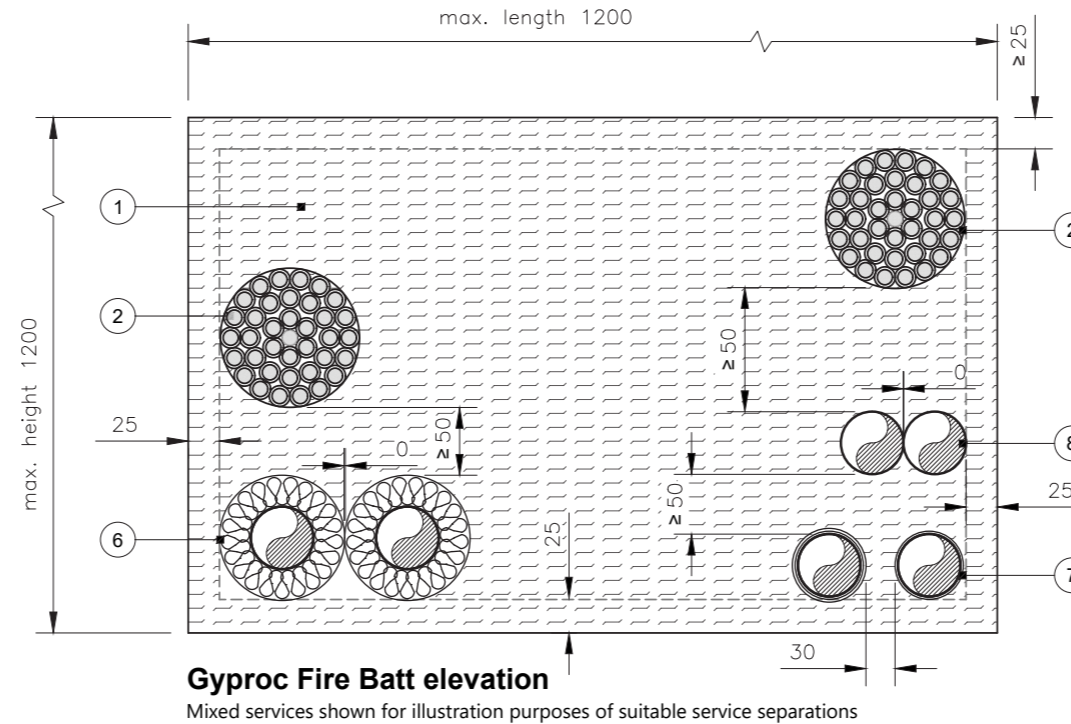
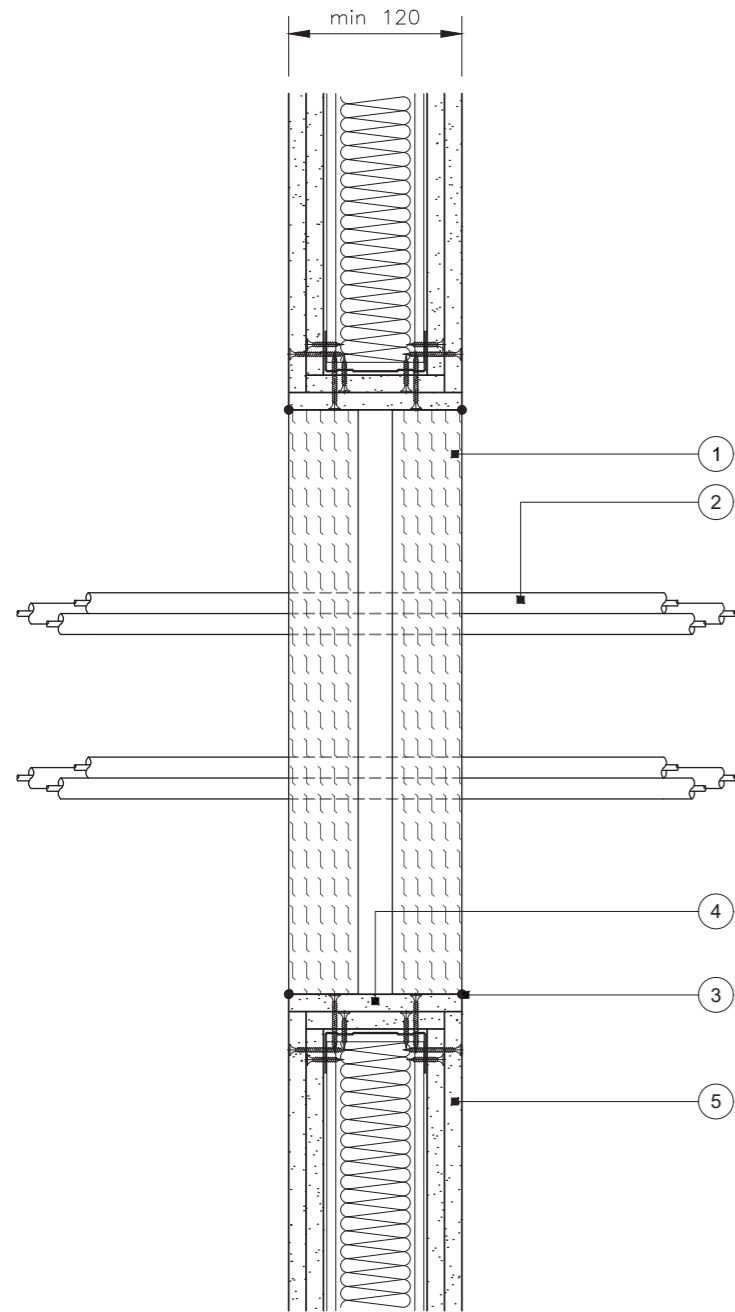
PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Uponor Decibel pipe according to EN 1451-1	50	2.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 90 U/U
	75 - 110	2.6 - 3.8	100		50 x 3.6 (2 layers)	EI 90 U/C
BluePower Multilayer pipe according to EN 1451-1	32 - 50	1.8 - 4.9	100		50 x 3.6 (2 layers)	EI 90 U/U
	110	4.9	100		50 x 3.6 (2 layers)	EI 90 C/U
	125	4.9	100		50 x 10.8 (6 layers)	EI 90 U/C
Rehau Raupiano Plus PP-DD according to DIN 4102	40 - 50	1.8 - 2.7	100		50 x 3.6 (2 layers)	EI 120 U/U
	110	2.7	100		50 x 3.6 (2 layers)	EI 120 U/C
	125	3.9	100		50 x 7.2 (4 layers)	EI 120 U/C
Aquatherm Green SDR9 MF PP-RP according to ISO 21003	160	4.9	100		50 x 10.8 (6 layers)	EI 120 U/C
	32	3.0	100		50 x 1.8 (1 layers)	E 120, EI 90 C/C
	40 - 50	5.6 - 12.3	100		50 x 3.6 (2 layers)	E 120, EI 90 C/C
Wavin SiTech + PP-M Class B according to EN 13501-1	90	12.0	100		50 x 3.6 (2 layers)	E 120, EI 90 C/C
	32 - 50	1.8 - 3.4	100	50 x 3.6 (2 layers)	E 120, EI 90 U/U	
	75 - 110	3.4	100	50 x 3.6 (2 layers)	E 120, EI 60 U/C	
Geberit Silent PP according to DIN 4102	32 - 50	1.8 - 3.4	100	50 x 3.6 (2 layers)	EI 120 U/U	
	110	3.4	100	50 x 3.6 (2 layers)	EI 120 U/C	
	125	3.9	100	50 x 3.6 (2 layers)	EI 90 U/C	
	160	4.9	100	50 x 10.8 (6 layers)	EI 90 U/C	

If specific pipe size is not stated, please refer to UKTA
Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-159
Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 66 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant
Cable penetrations – Double layer 120 mm partition



- 1 Double 50mm Gyproc Fire Batt
- 2 Small cables or cable bundle supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Acrylic Fire Sealant
- 4 Opening lined with same board as partition with screws at 200mm centres
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Metallic pipes with stone mineral wool insulation
- 7 Combustible pipes with single/double Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 120mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:
25mm to aperture edge
0mm between cables
50mm between different service types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s).
- Double batt applications to be installed with staggered joints.

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	100	N/A	EI 120
Cable bundles (small cables ≤21mm)	≤ 100	100	N/A	EI 120

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

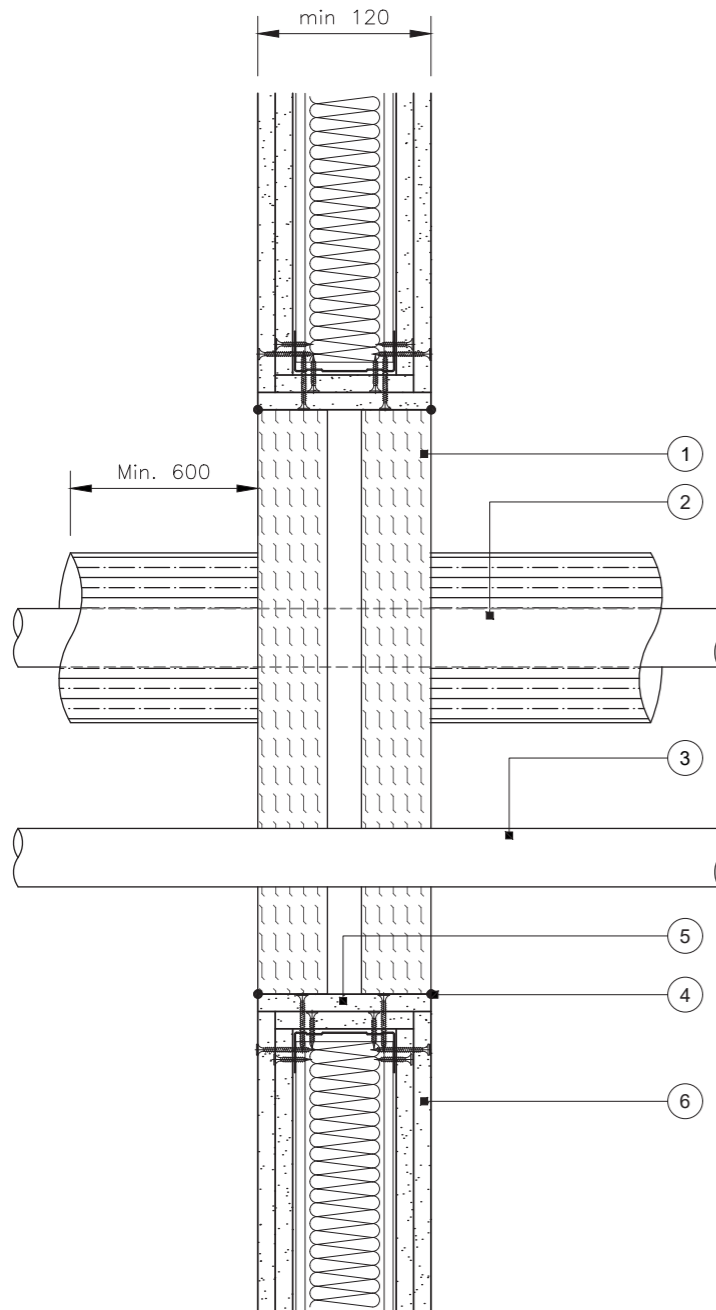
Approved: JMC / MKF

Dwg No.: CN-635-200

Revision: -

Detail 67 – Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant

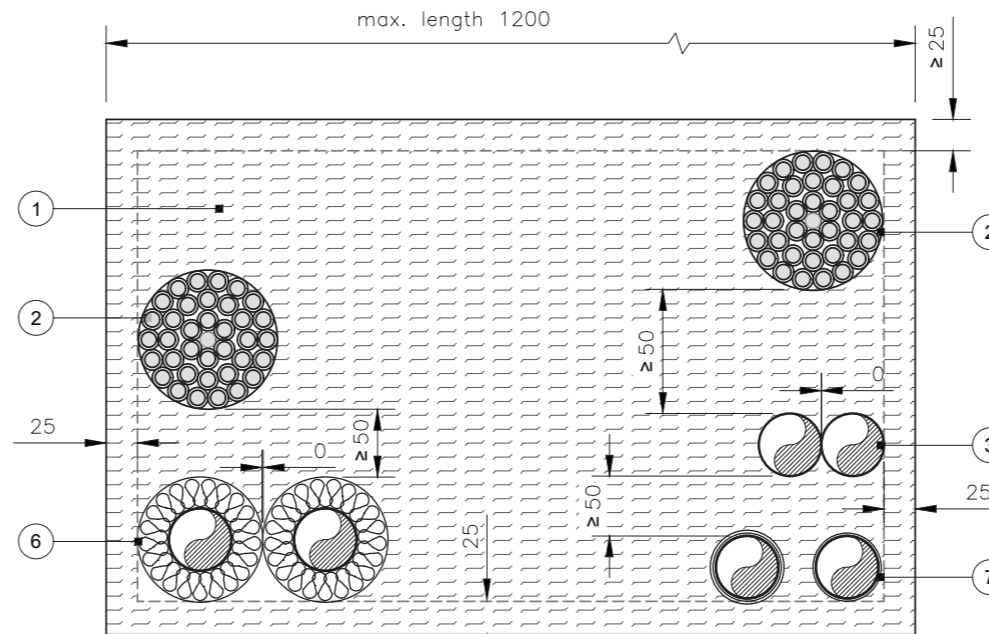
Metallic pipes with/without stone/glass mineral wool (Local Interrupted - LI or Continued Interrupted - CI) insulation Double layer 120mm partition



Section

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). All exposed and cut edges of the board(s) must be sealed with Gyproc Acrylic Fire Sealant prior to fitting. The board(s) must be friction fitted into the aperture with a tight fit. All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the board(s).
- Double batt applications to be installed with staggered joints
- LI pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Double 50mm Gyproc Fire Batt
- 2 Metallic pipes with stone mineral wool/glass mineral wool insulation (Local Interrupted - LI or Continued Interrupted - CI) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Un-insulated metallic pipes
- 4 Gyproc Acrylic Fire Sealant
- 5 Opening lined with same board as partition with screws at 200mm centres.
- 6 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 7 Combustible pipes with single/double Gyproc Pipe Wrap

Important information

UKTA Reference 0843-25/0021

Minimum 120mm partition thickness comprising steel studs or timber with minimum two layers 12.5mm boards both sides of framing

Refer to UKTA for further guidance on maximum aperture sizes

Service Separation:

- 25mm to aperture edge
- 0mm between similar services (Cluster and Linear arrangement)
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (LI or CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	60	1.3 - 14.2	100	Min.600mm length of glass or stone mineral wool insulation min. 75kg/m³ on each side of the seal	≥ 30	E 120, EI 90 C/U
	273	7.0 - 14.2	100		≥ 30	E 120, EI 90 C/U
Copper	15	0.7 - 7.5	100		≥ 30	E 120, EI 90 C/C
	54	1.2 - 14.2	100		≥ 30	E 120, EI 90 C/C
Alupex	16	2.25	100		≥ 30	E 120, EI 60 C/C
	75	4.7	100		≥ 30	E 120, EI 60 C/C
Steel	28	1.2 - 14.2	100	N/A	N/A	E 120, EI 30 C/U
	63	1.6 - 14.2	100		N/A	E 120, EI 30 C/U
	324	6.35 - 14.2	100		N/A	E 120, EI 15 C/U
Copper	12	0.7 - 6.0	100		N/A	E 120, EI 30 C/C
	28	0.9 - 14.2	100		N/A	E 120 C/C
	54	1.2 - 14.2	100		N/A	E 120 C/C
Alupex	16	2.0	100		N/A	E 120 C/C
	75	4.6	100		N/A	E 120 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

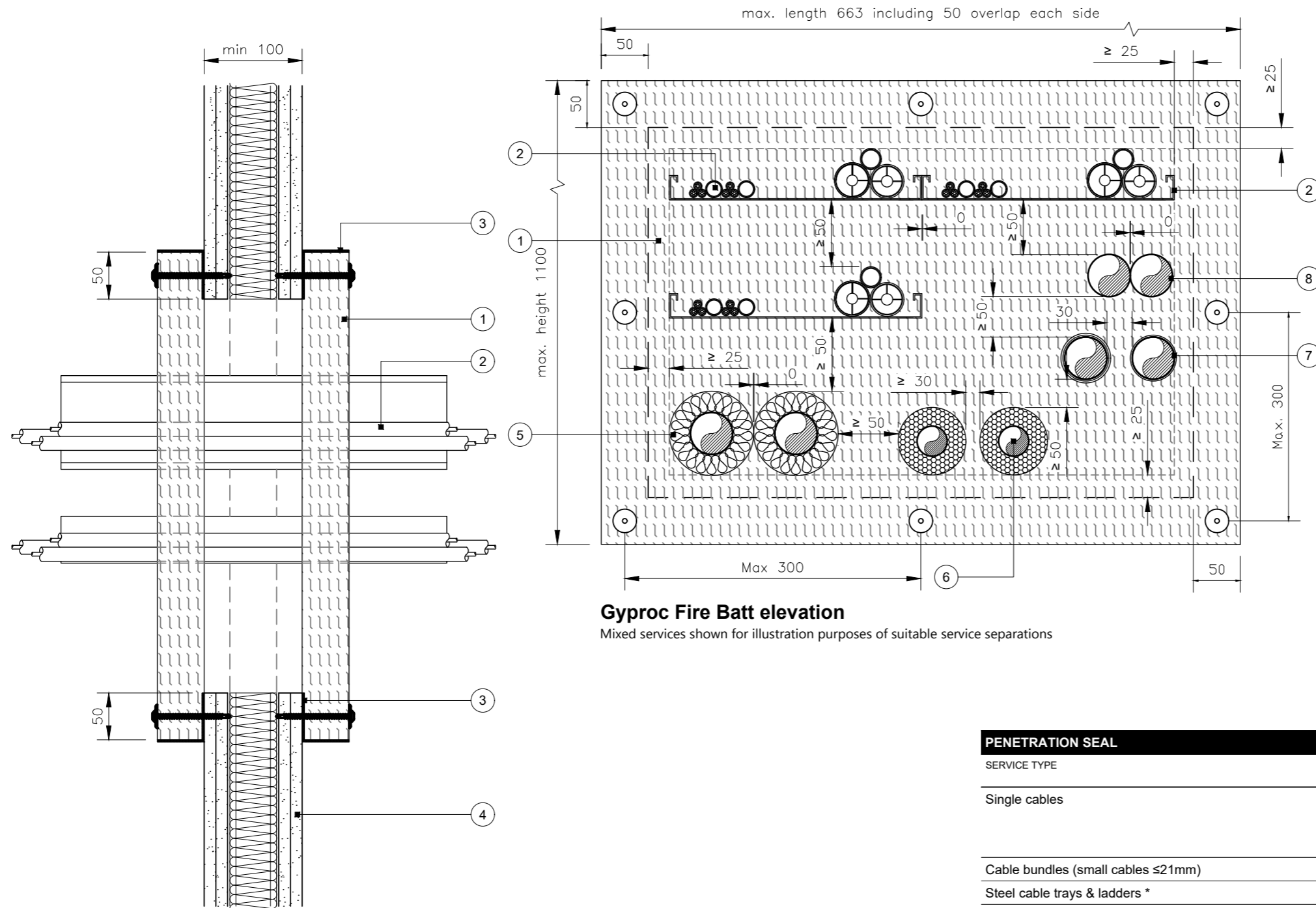
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-201

Revision: -

Detail 68 - Double 50 mm Gyproc Fire Batt / Gyproc Acrylic Fire Sealant
Cable penetrations - Double layer 100 mm partition



Gyproc Fire Batt elevation
Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Cables on trays, ladders and baskets supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 5 Metallic pipes with stonewool insulation
- 6 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Combustible pipes with single/double Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
 25mm to aperture edge
 0mm between cables along width of carrier
 0mm between cable carriers (side by side)
 50mm between cable / cable carrier (above/below)
 50mm between different service types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\varnothing 25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall

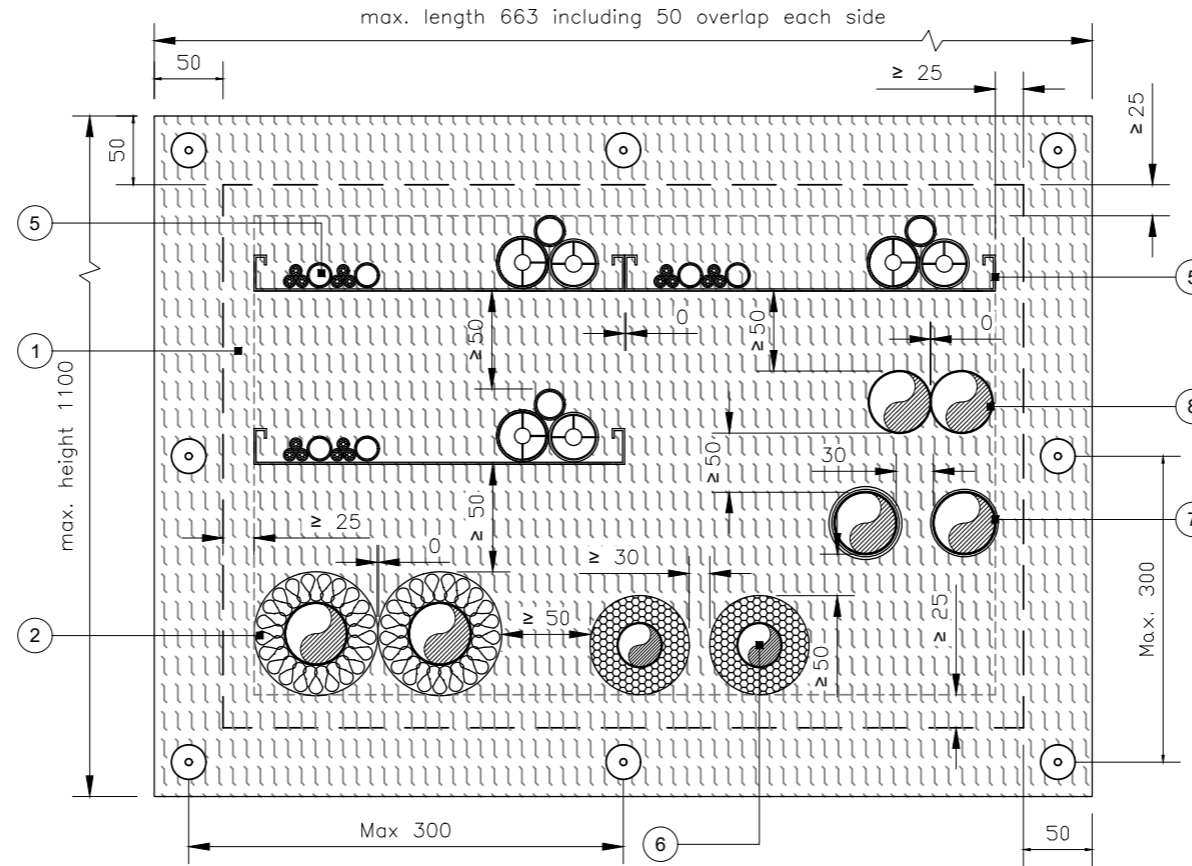
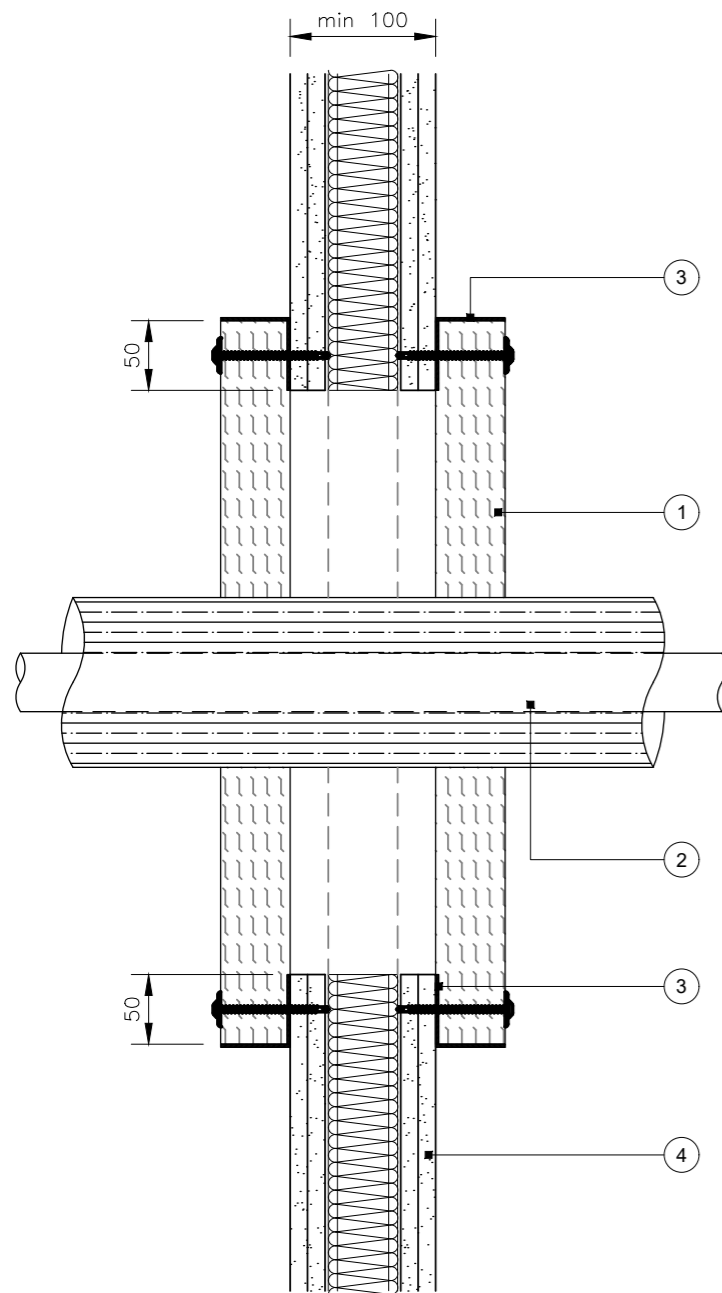
PENETRATION SEAL				
SERVICE TYPE	SERVICE SIZE (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	100	N/A	E 120, EI 60
	22-50	100	N/A	EI 60
	51-80	100	N/A	EI 60
Cable bundles (small cables ≤ 21 mm)	≤ 100	100	N/A	EI 60
Steel cable trays & ladders *	any width	100	N/A	EI 60
Un-sheathed cables	≤ 24	100	N/A	E 60 EI 30
Copper conduit	≤ 16	100	N/A	E 60, EI 30 C/U
Steel conduit	≤ 16	100	N/A	EI 60 C/U
PVC conduits	≤ 16	100	N/A	EI 60 C/U

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-250
Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 69 - Double 50 mm Gyproc Fire Batt

Metallic pipes with stone/glass mineral wool insulation (Continued Sustained -CS) Double layer 100 mm partition



- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Metallic pipes with stone/glass mineral wool insulation (Continued Sustained -CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 5 Cables on trays, ladders and baskets
- 6 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Combustible pipes with single/double Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes

Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
25mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using ≥ 5x80 mm wood, masonry or concrete screws with minimum Ø25mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Stone mineral wool insulation min. 80kg/m³	≥ 20	EI 120 C/U
	50	1.2 - 14.2	100		≥ 30	EI 120 C/U
	75	1.6 - 14.2	100		≥ 30	EI 120 C/U
	115	2.4 - 14.2	100		≥ 30	EI 120 C/U
	165	3.4 - 14.2	100		≥ 30	EI 120 C/U
	219	4.3 - 14.2	100		≥ 30	EI 120 C/U
	250	5.0 - 14.2	100		≥ 30	EI 120 C/U
	300	5.9 - 14.2	100		≥ 30	EI 120 C/U
Steel	324	6.35 - 14.2	100	N/A	≥ 30	EI 120 C/U
	22	2.0 - 11.0	100		N/A	E 120, EI 60 C/U
Copper	114	22.0	100	Stone mineral wool insulation min. 80kg/m³	N/A	E 90, EI 20 C/U
	15	0.7 - 7.5	100		≥ 20	EI 120 C/C
	28	0.9 - 14.2	100		≥ 20	EI 120 C/C
Copper	54	1.2 - 14.2	100	Glass or stone mineral wool insulation min. 75 kg/m³	≥ 20	EI 120 C/C
	15	0.7 - 7.5	100		30 - 60	EI 60 C/C
	28	0.9 - 14.2	100		30 - 60	EI 60 C/C
Alupex	54	1.2 - 14.2	100	Glass or stone mineral wool insulation min. 75 kg/m³	30 - 60	EI 60 C/C
	16	2.0	100		25 - 60	E 120, EI 90 C/C
	75	4.6	100		25 - 60	E 120, EI 90 C/C

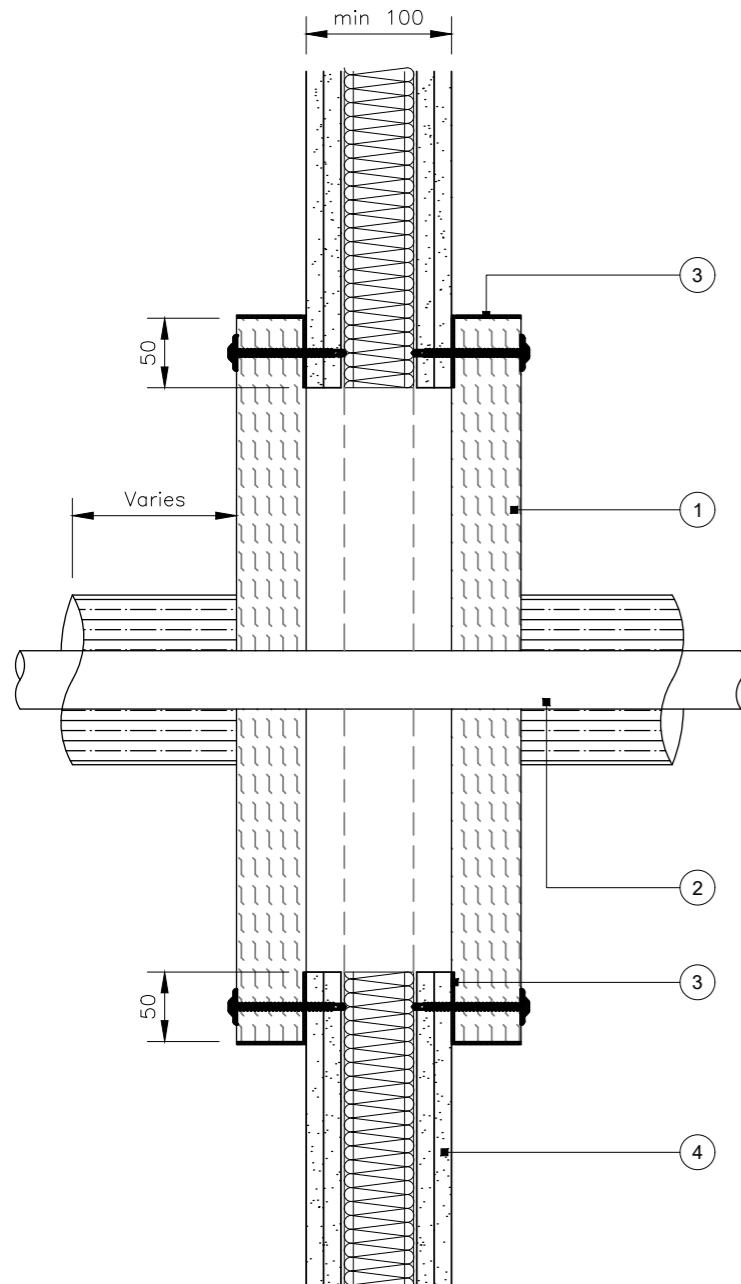
If specific pipe size is not stated, please refer to UKTA

Construction detail

Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-251

Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 70 - Double 50 mm Gyproc Fire Batt
Metallic pipes with stone/glass mineral wool insulation
(Local Interrupted - LI or Continued Interrupted - CI)
Double layer 100 mm partition

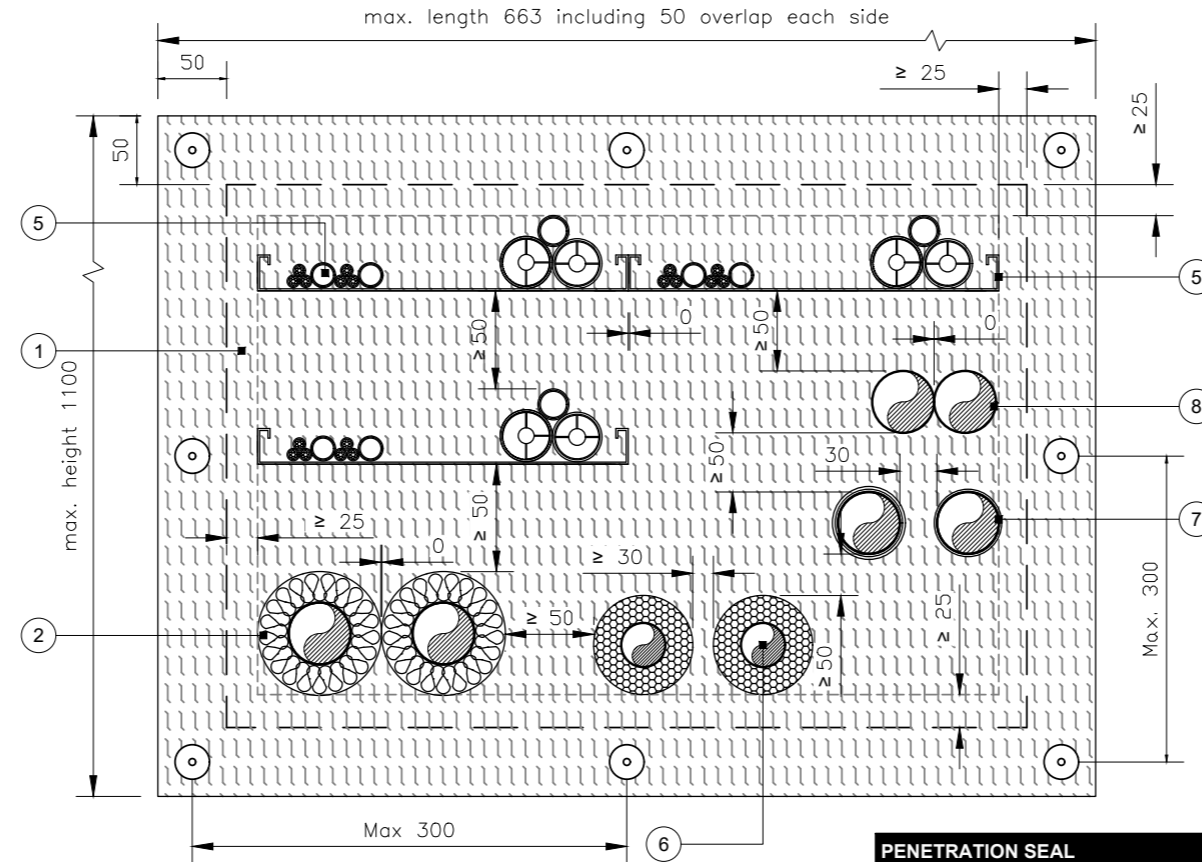


Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using ≥ 5x80 mm wood, masonry or concrete screws with minimum Ø25mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Fire Rated Acrylic on both sides of the wall
- LI pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along length



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application

Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:

- 25mm to aperture edge
- 0mm between similar services (Cluster or Linear arrangement)
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Metallic pipes with stone/glass mineral wool insulation (Local Interrupted - LI or Continued Sustained -CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 4 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 5 Cables on trays, ladders and baskets
- 6 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Combustible pipes with single/double Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (LI or CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.0 - 14.2	100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal	≥ 20	EI 120 C/U
	50	1.2 - 14.2	100		≥ 30	E 120, EI 90 C/U
	75	1.7 - 14.2	100		≥ 30	E 120, EI 90 C/U
	115	2.5 - 14.2	100		≥ 30	E 120, EI 90 C/U
	165	4.5 - 14.2	100		≥ 30	E 120, EI 90 C/U
	219	4.3 - 14.2	100		≥ 30	E 120, EI 90 C/U
Copper	273	5.0 - 14.2	100	≥ 30	E 90, EI 60 C/U	
	12	0.7 - 6.0	100	≥ 20	EI 120 C/C	
	28	0.9 - 14.2	100	≥ 20	EI 120 C/C	
Copper	54	1.2 - 14.2	100	≥ 20	EI 120 C/C	
	6	0.7 - 3.0	100	Min. 500mm length of glass or stone mineral wool insulation min. 75 kg/m³ on each side of the seal	≥ 30	E 120, EI 30 C/C
	28	0.9 - 14.2	100		≥ 30	E 120, EI 30 C/C
108	1.5 - 14.2	100	≥ 30		E 120, EI 30 C/C	
Copper	159	2.0 - 14.2	100	Min. 1000mm length of stone mineral wool insulation min. 80 kg/m³ on each side of the seal	≥ 30	E 60, EI 30 C/C
	Alupex	16	2.25		100	≥ 20
Alupex	26	3.0	100	Min. 500mm length of stone mineral wool insulation min. 80kg/m³ on each side of the seal	≥ 20	EI 60 C/C
	40	3.5	100		≥ 20	EI 60 C/C
	63	4.5	100		≥ 20	EI 60 C/C
	75	4.7	100		≥ 20	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

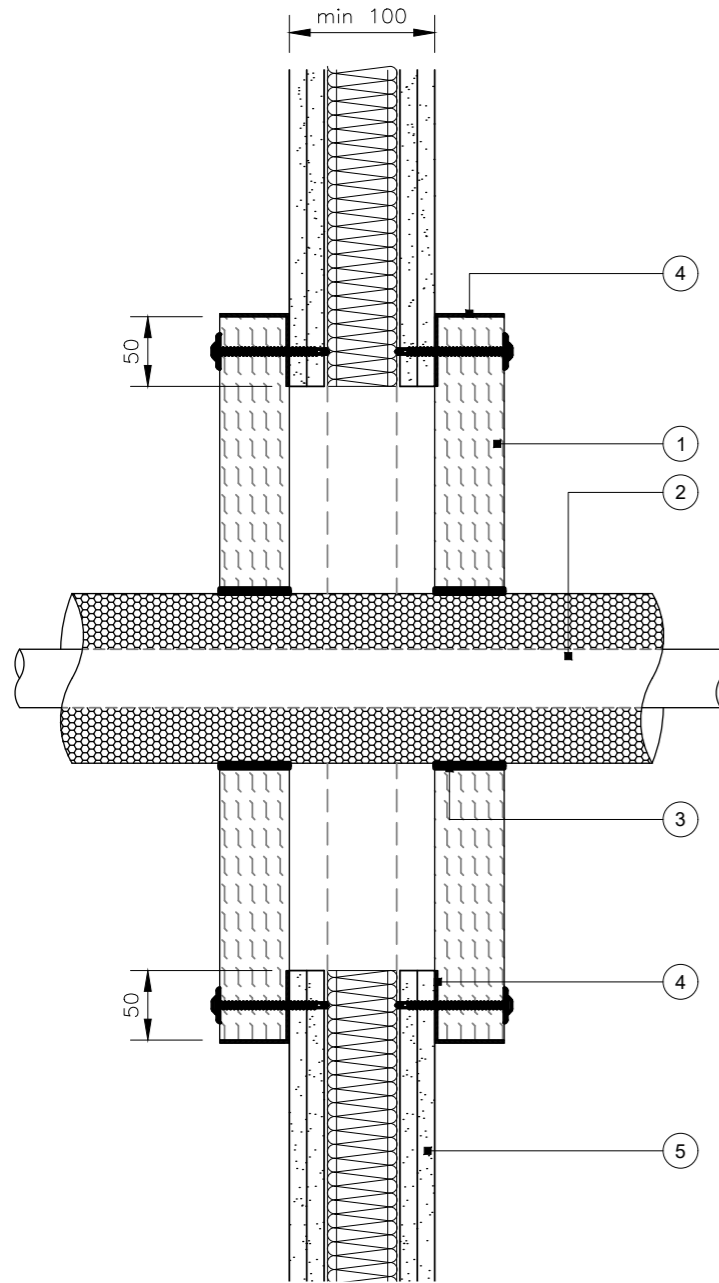
Approved: JMC / MKF

Dwg No.: CN-635-202

Revision: -

Detail 71 – Double 50mm Gyproc Fire Batt / Gyproc Pipe Wrap

Metallic pipes with elastomeric & PE foam insulation (Continued Sustained - CS) Double layer 100mm partition

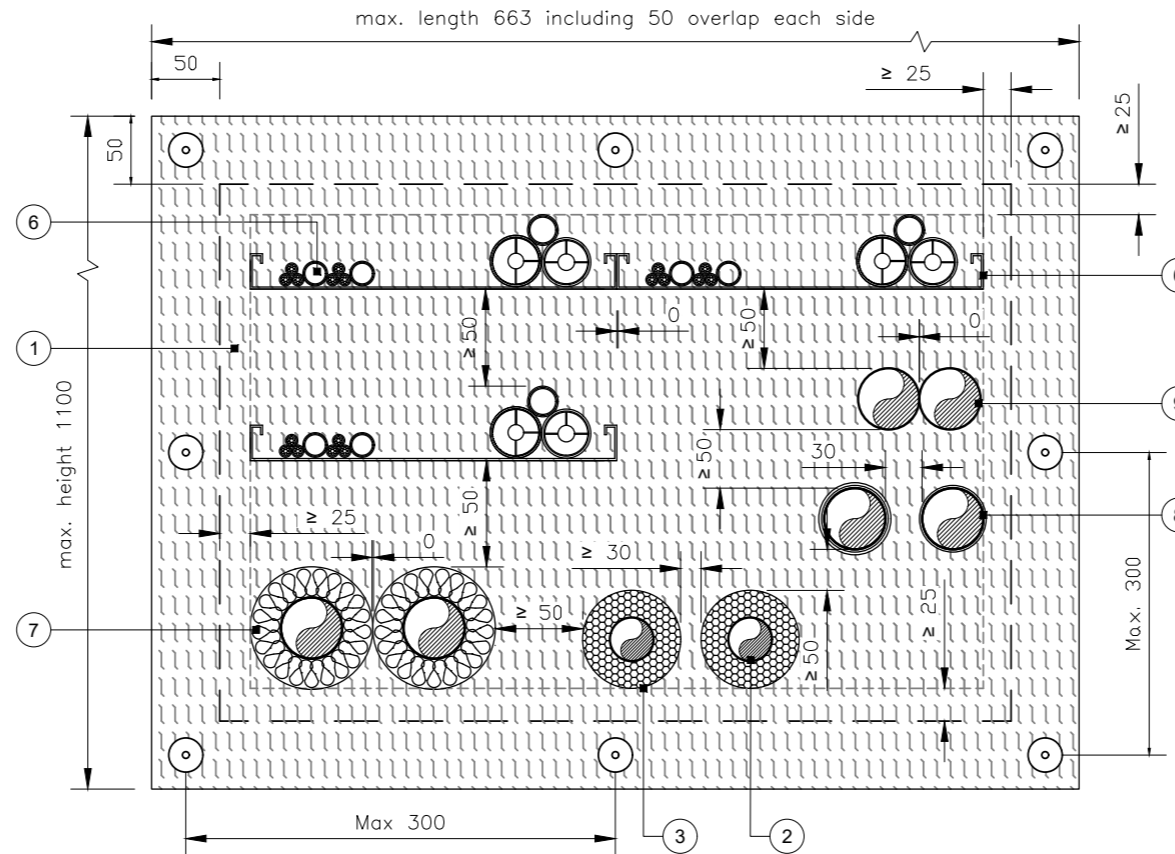


Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

Installation guidance

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\text{Ø}25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Metallic pipes with Elastomeric or PE foam insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Combustible pipes with single/double Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing.

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
25mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION	
Copper	12	1.0	100	Elastomeric insulation minimum class B-s3,d0 or PE foam insulation	9	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 120 C/C	
	13 - 54	1.0 - 1.2	100		9 - 13			E 120, EI 90 C/C	
	6 - 54	0.7 - 1.2	100		13 - 25			E 120, EI 60 C/C	
Steel	40	1.0 - 14.2	100		13 - 32		50 x 3.6 (2 layers)	E 120, EI 60 U/U	
	75	2.0 - 14.2	100		13 - 32			E 120, EI 60 U/U	
	115	3.1 - 14.2	100		13 - 32			E 120, EI 60 U/U	
	165	4.5 - 14.2	100		13 - 32			E 120, EI 60 U/U	
Steel	40	1.0 - 14.2	100		32 - 50		50 x 5.4 (3 layers)	EI 90 C/U	
	75	1.6 - 14.2	100		32 - 50			EI 90 C/U	
	115	2.4 - 14.2	100		32 - 50			EI 90 C/U	
	165	3.4 - 14.2	100		32 - 50			EI 90 C/U	
	200	4.0 - 14.2	100		32 - 50			EI 90 C/U	
	250	5.0 - 14.2	100	32 - 50	EI 90 C/U				
Alupex Composite	324	6.35 - 14.2	100	32 - 50	50 x 3.6 (2 layers)	EI 90 C/U			
	16	2.25	100	9 - 25		EI 120 C/C			
	32	3.0	100	9 - 25		EI 120 C/C			
	50	4.0	100	9 - 25		EI 120 C/C			
	75	4.7	100	9 - 25	EI 120 C/C				

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

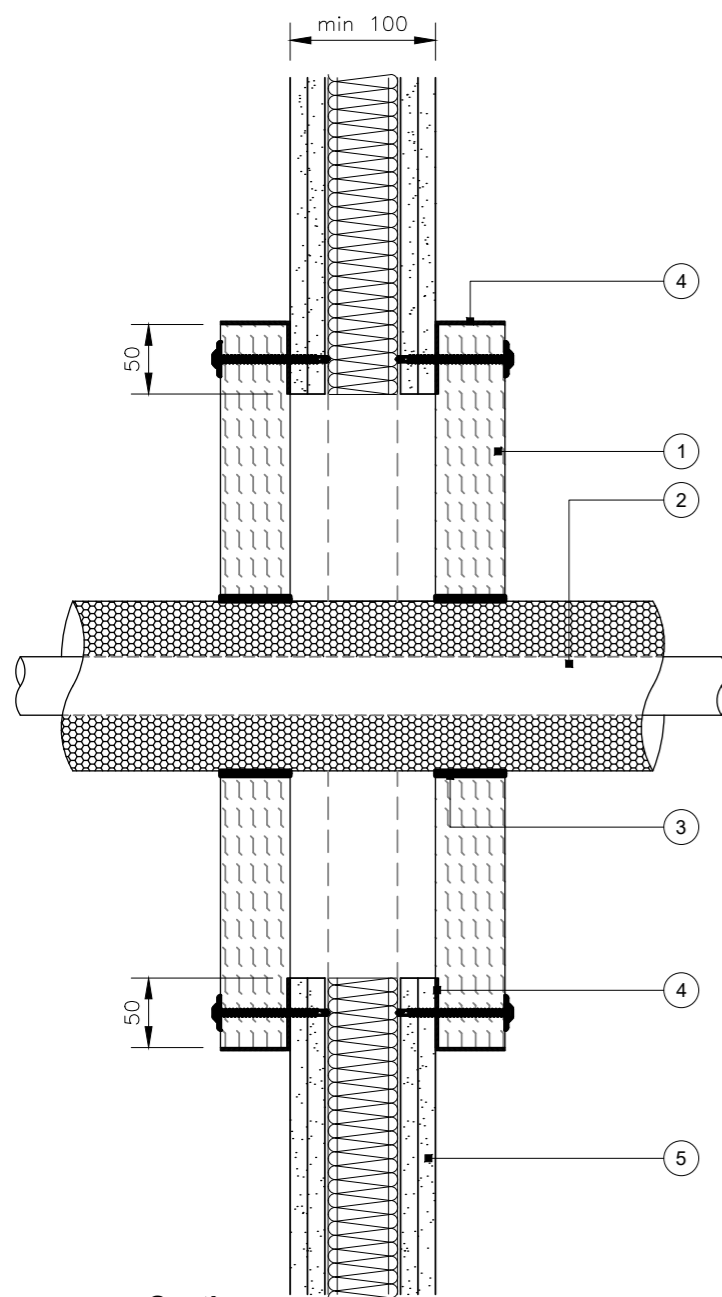
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-253

Revision: -

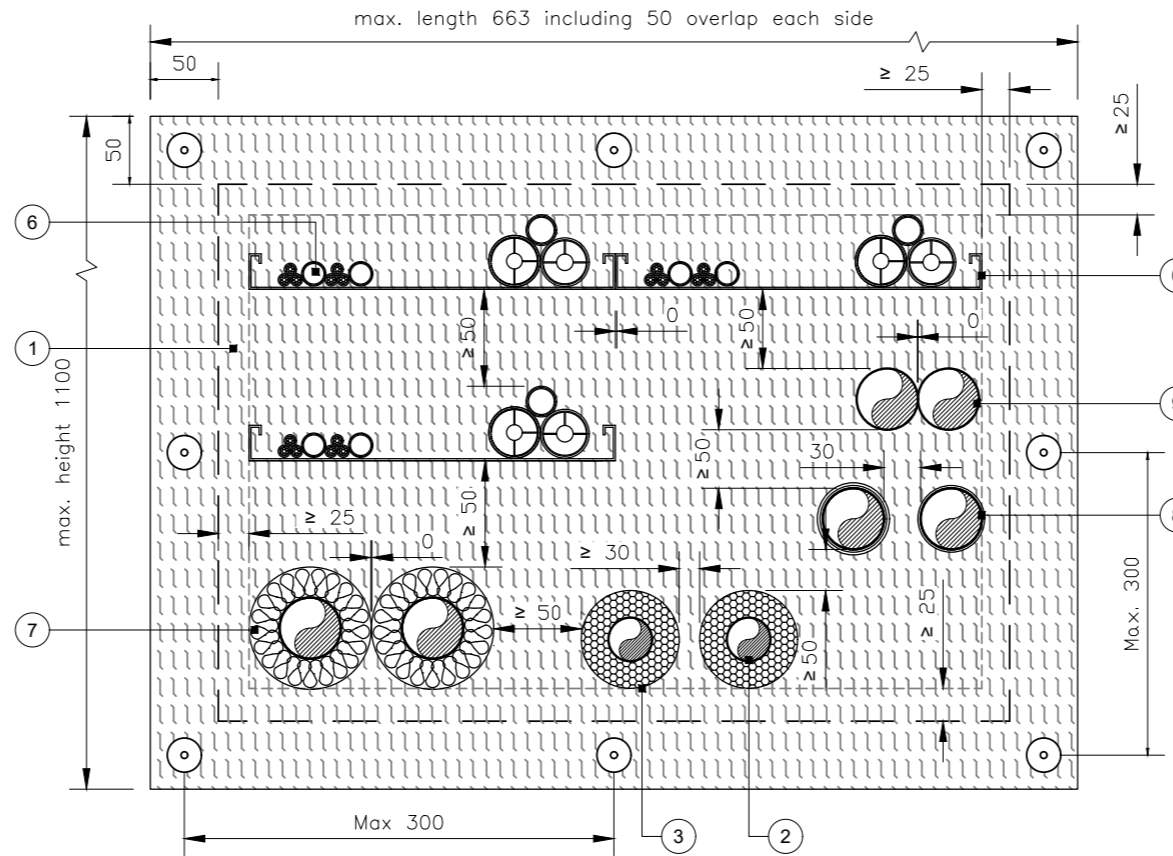
Detail 72 – Double 50mm Gyproc Fire Batt / Gyproc Pipe Wrap
Metallic pipes with phenolic insulation (CS - Continued Sustained) – Double layer 100mm partition



Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using ≥ 5x80 mm wood, masonry or concrete screws with minimum Ø25mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Metallic pipes with phenolic insulation (Continued Sustained - CS) supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Combustible pipes with single/double Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing.

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
25mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
Copper	15	0.7	100	Phenolic insulation	15	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	E 120, EI 90 C/C
	6	0.7 - 3.0	100		15			E 120, EI 30 C/C
	28	0.9 - 14.2	100		15			E 120, EI 30 C/C
	159	1.5 - 14.2	100		15			E 120, EI 30 C/C
	6	0.7 - 3.0	100		16 - 99			E 60, EI 30 C/C
	28	0.9 - 14.2	100		16 - 99			E 60, EI 30 C/C
	159	1.5 - 14.2	100		16 - 99			E 60, EI 30 C/C
	6	0.7 - 3.0	100		34 - 100			EI 60 C/C
	28	0.9 - 14.2	100		34 - 100			EI 60 C/C
	54	1.2 - 14.2	100		34 - 100			EI 60 C/C
Steel	16	1.0 - 8.0	100	25 - 100	EI 90 C/U			
	28	1.3 - 14.2	100	25 - 100	EI 90 C/U			
	273	6.35 - 14.2	100	25 - 100	EI 90 C/U			

If specific pipe size is not stated, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

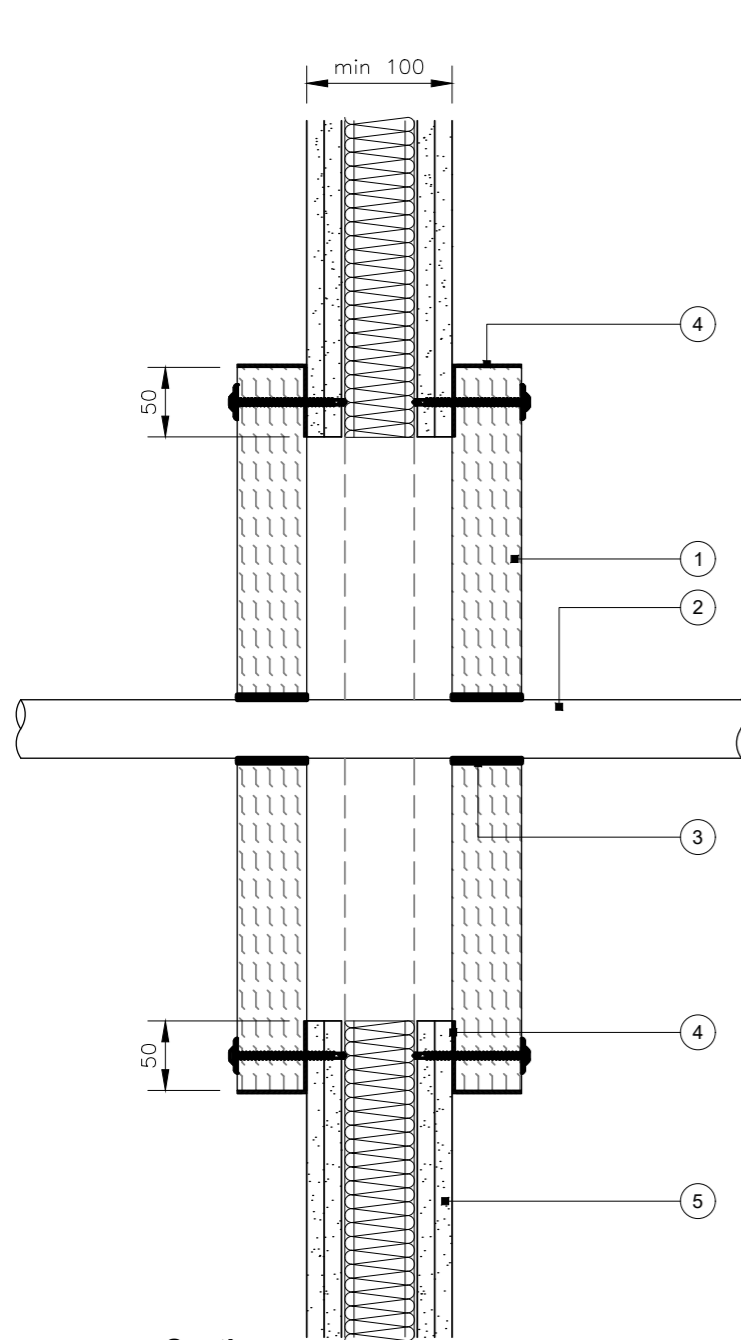
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-254

Revision: -

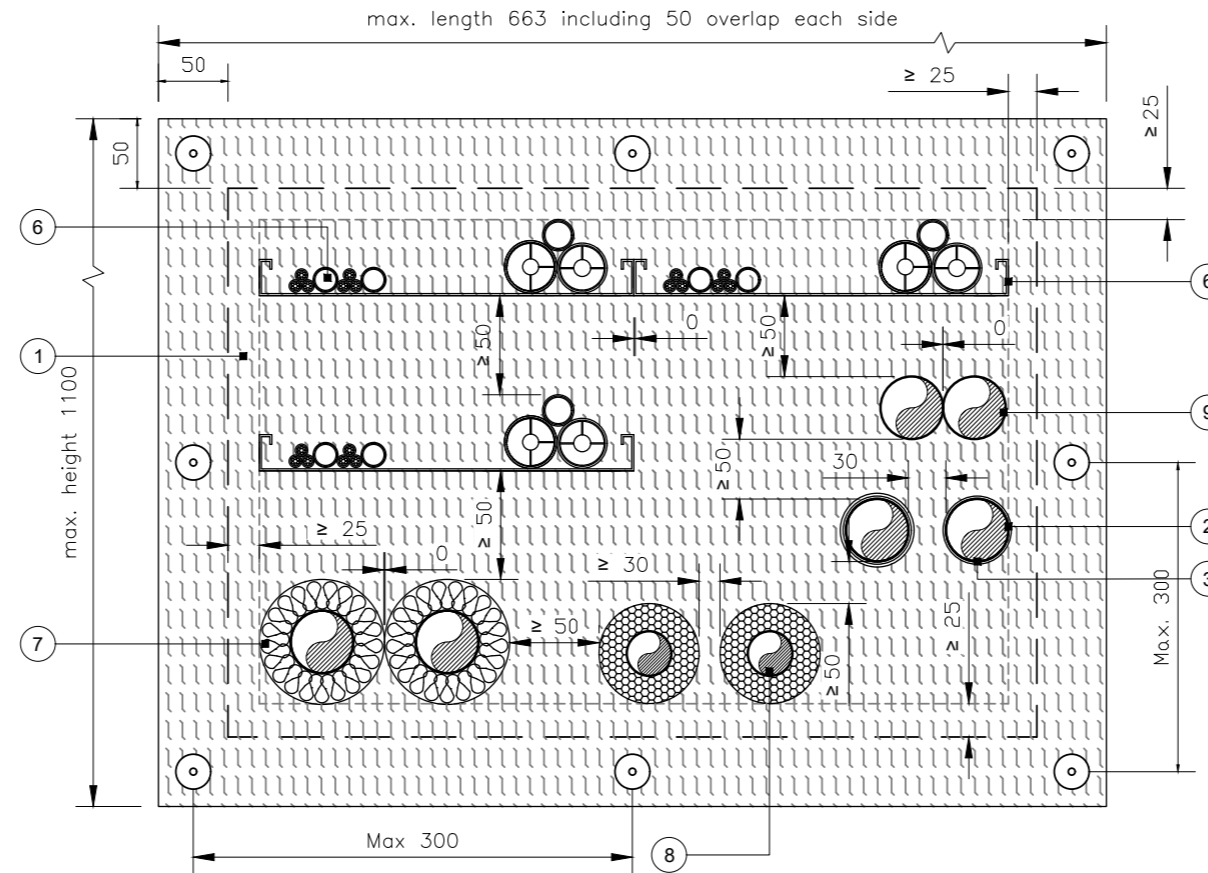
Detail 73 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PVCu pipes - Double layer 100mm partition



Section

Pattness detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\varnothing 25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattness system with min. 50mm overlap onto supporting substrate
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
 25mm to aperture edge
 30mm between similar services (Cluster or Linear arrangement)
 50mm between different services types

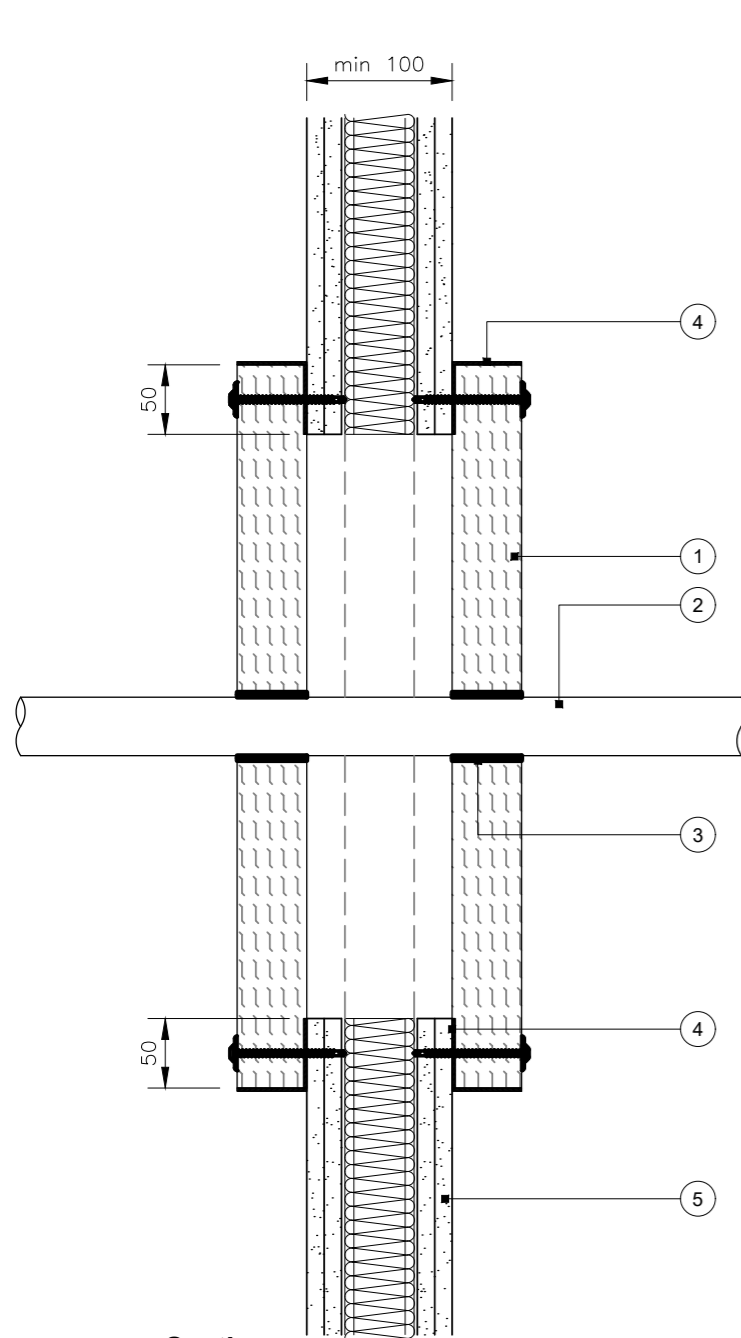
To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PVC-U	40	1.9 - 3.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	2.7 - 6.6	100		50 x 3.6 (2 layers)	E 120, EI 90 U/C
	125	3.7 - 7.4	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.0 - 9.5	100		50 x 10.8 (6 layers)	E 90, EI 60 U/C
	200	4.9 - 11.9	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	7.7 - 12.1	100		50 x 18 (10 layers)	EI 90 C/C
	400	9.8 - 15.3	100		50 x 28.8 (16 layers)	EI 90 C/C

If specific pipe size is not stated, please refer to UKTA
 Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-255
Drawn: CT
Approved: JMC / MKF
Revision: -

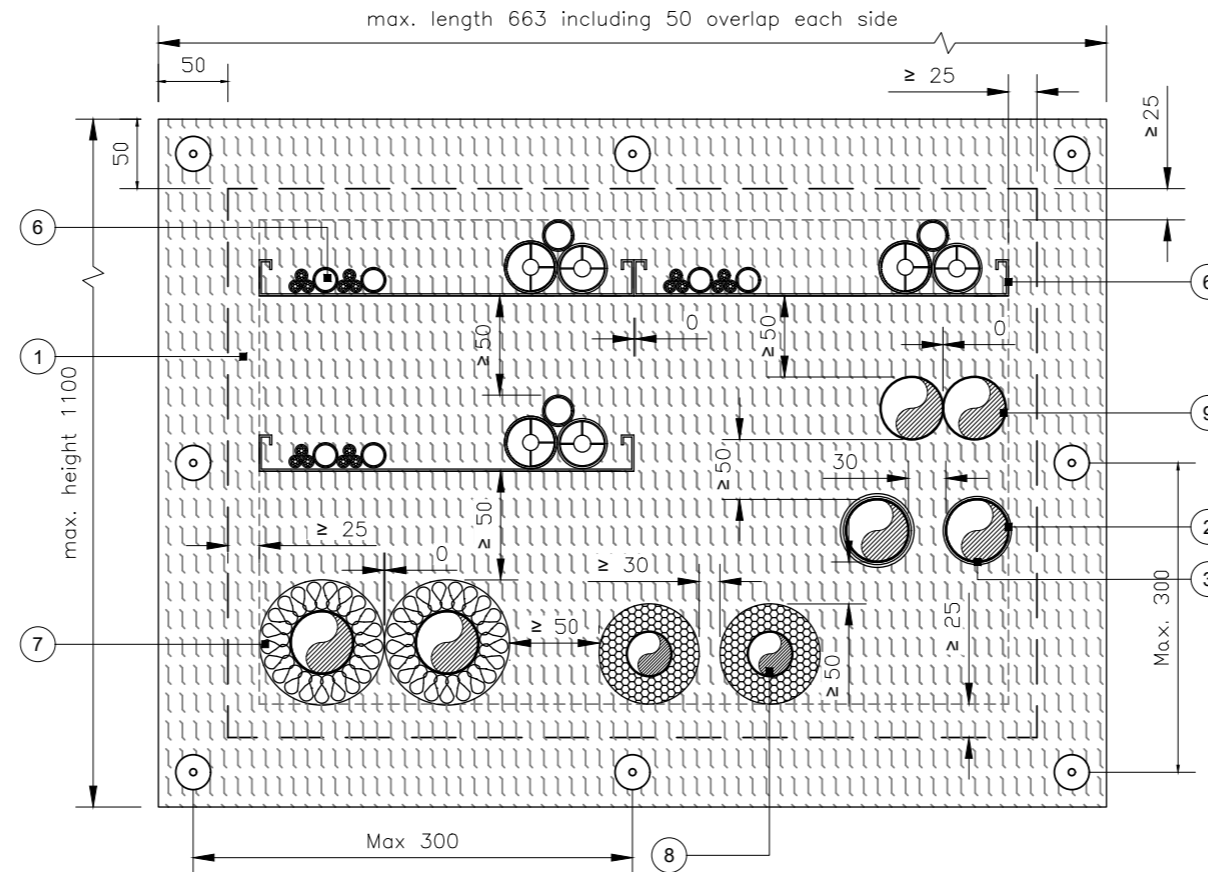
Detail 74 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PE, ABS, SAN+PVC and PE-x pipes - Double layer 100 mm partition



Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\text{Ø}25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
25mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PE, ABS, SAN+PVC & PE-x	40	2.4 - 3.7	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	4.2 - 10.0	100		50 x 3.6 (2 layers)	E 120, EI 90 U/C
	125	4.8 - 12.0	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.9 - 14.6	100		50 x 10.8 (6 layers)	E 90, EI 60 U/C
	200	6.2 - 18.2	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	12.1 - 18.6	100		50 x 18 (10 layers)	EI 30 C/C
	400	23.7	100		50 x 28.8 (16 layers)	EI 60 C/C

If specific pipe size is not stated, please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

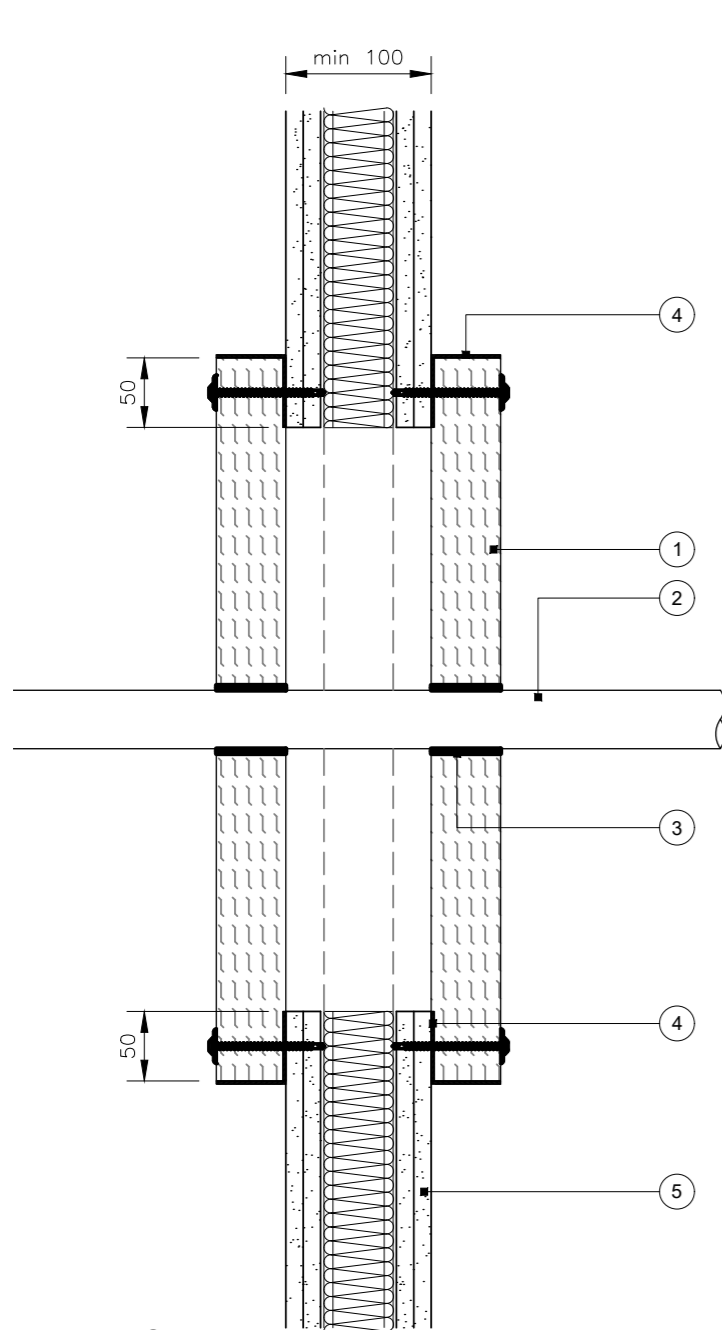
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-635-256

Revision: -

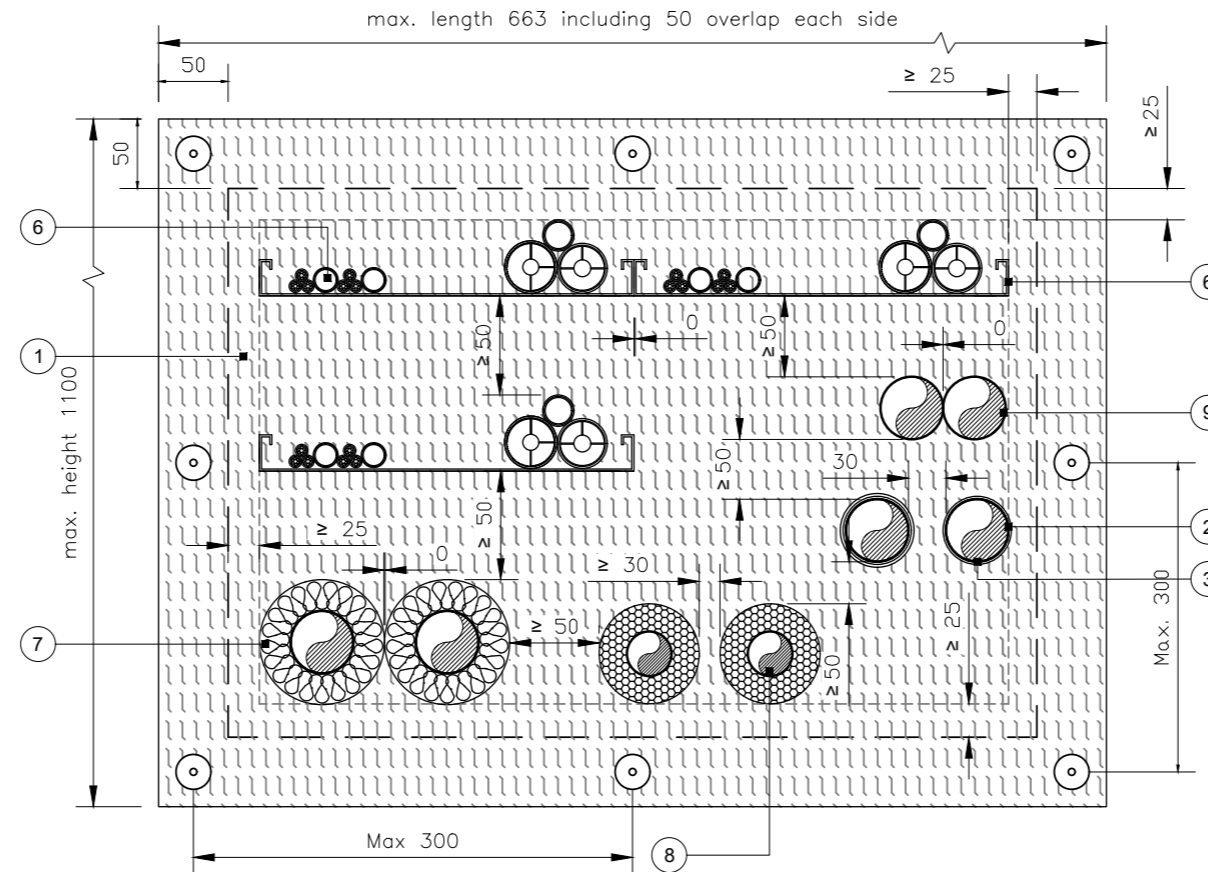
Detail 75 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap
PP pipes - Double layer 100 mm partition



Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\varnothing 25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application

Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:

- 25mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new build British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm) PER BATT	CLASSIFICATION
PP	40	1.8 - 5.5	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 1.8 (1 layer)	EI 120 U/U
	110	2.7 - 15.1	100		50 x 3.6 (2 layers)	EI 90 U/U
	125	3.1 - 17.1	100		50 x 5.4 (3 layers)	E 120, EI 90 U/C
	160	4.9 - 21.9	100		50 x 10.8 (6 layers)	EI 60 C/C
	200	4.9 - 18.2	100		50 x 10.8 (6 layers)	EI 90 C/C
	315	12.1 - 28.5	100		50 x 18 (10 layers)	EI 30 C/C
	400	22.7	100		50 x 28.8 (16 layers)	EI 30 C/C

If specific pipe size is not stated, please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

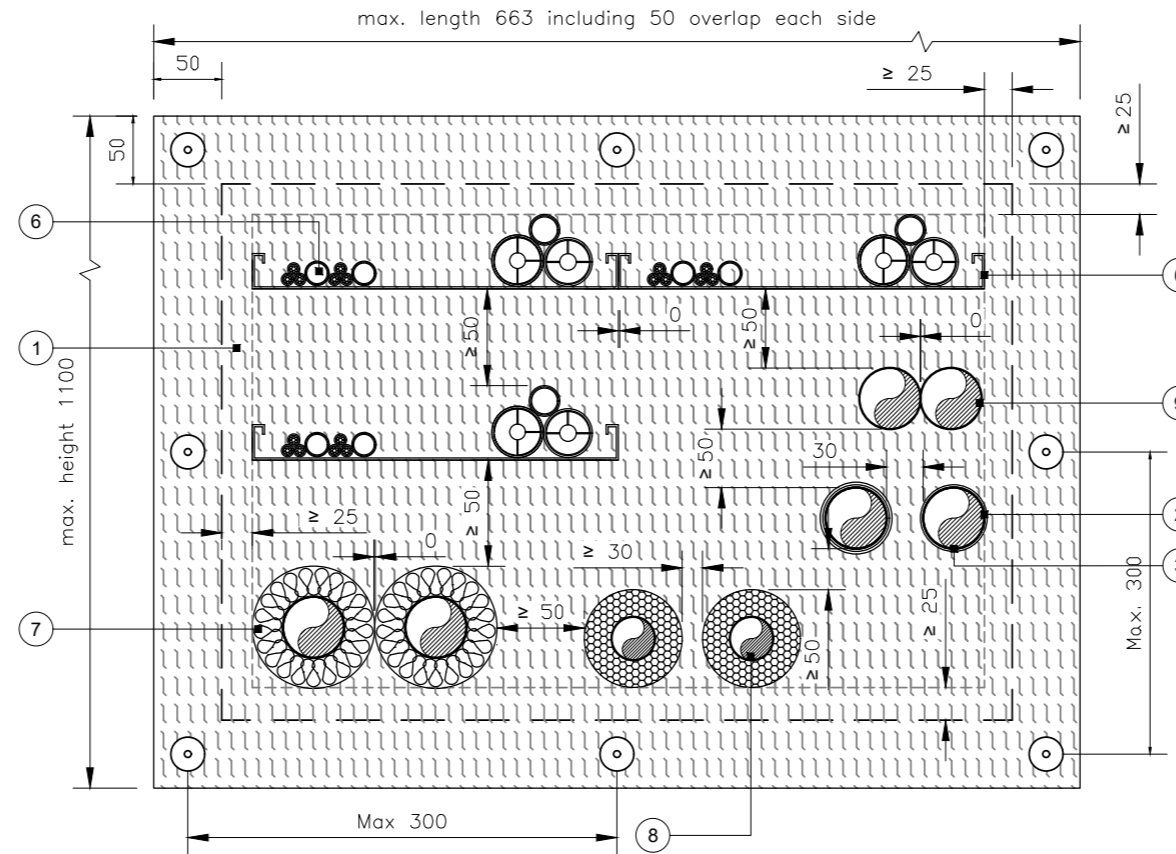
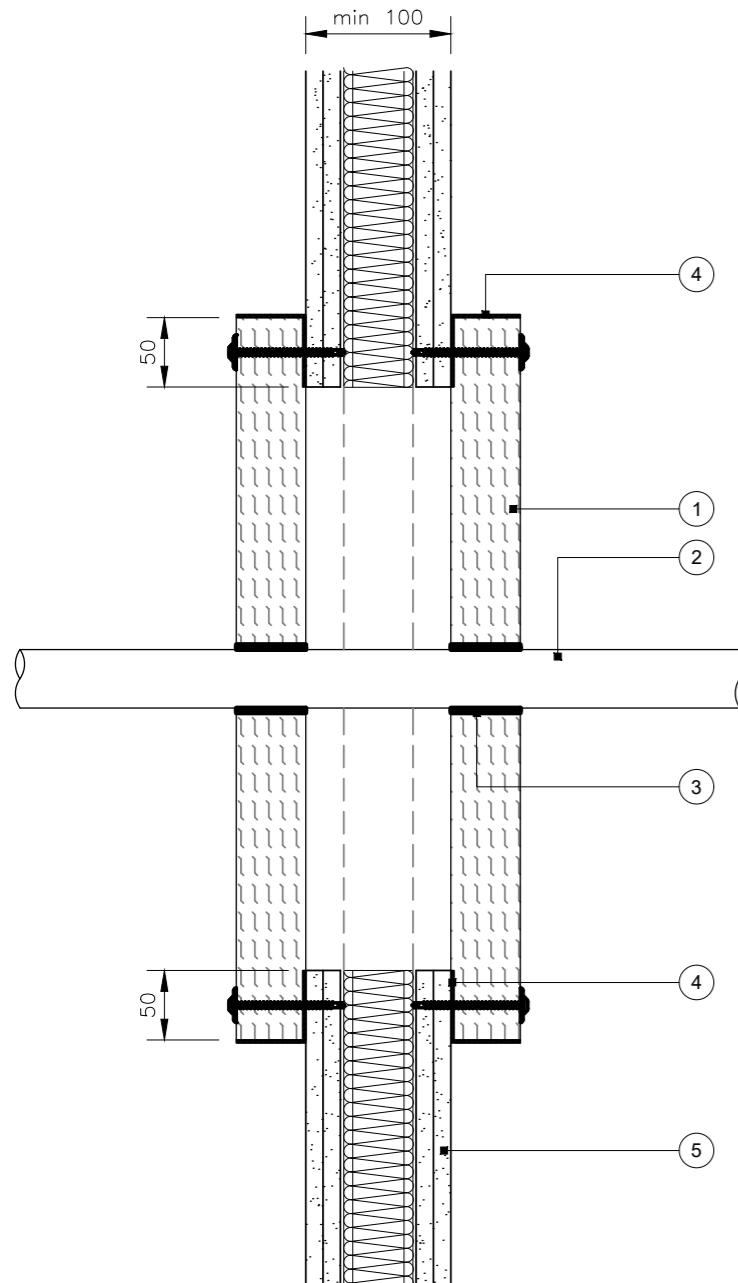
Dwg No.: CN-635-257

Revision: -

Detail 76 – Double 50 mm Gyproc Fire Batt / Gyproc Pipe Wrap

Manufacturer specific combustible pipe penetrations

Double layer 100 mm partition



Gyproc Fire Batt elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 50mm Gyproc Fire Batt as a pattress system with min. 50mm overlap onto supporting substrate
- 2 Combustible pipe supported from both sides of partition at a maximum 270mm distance from partition surface
- 3 Gyproc Pipe Wrap
- 4 Gyproc Fire Coating applied to all exposed edges of Gyproc Fire Batt and face of batt in contact with substrate
- 5 The partition system must have a proven fire resistance rating established through testing in accordance with BS EN 1364-1 or have a classified performance in line with BS EN 13501-2, with a fire resistance rating that is at least equal to the required performance stated below. Indicative insulation shown within the partition cavity. Refer to partition system test or classification report for insulation specification
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-25/0021

Minimum 100mm partition thickness comprising steel studs with minimum two layers 12.5mm boards both sides of framing.

Maximum aperture size of 553mm (wide) x 1100mm (high) for a 4 sided face fix application
Maximum aperture size of 553mm (wide) x 550mm (high) for a 3 sided face to concrete soffit application

Service Separation:
 25mm to aperture edge
 30mm between similar services (Cluster or Linear arrangement)
 50mm between different services types

To qualify for SpecSure, Gyproc Firestopping products must be installed in a new built British Gypsum partition system. Suitable systems include GypWall Single Frame, GypWall Single Frame Enhanced, GypWall Twin Frame Braced & GypWall Twin Frame Independent with suitable British Gypsum board lining specifications to meet fire resistance and other system performance requirements

Section

Pattress detail suitable for use between partition studs only, not for use where studs are cut to allow for services/opening

- Before installing Gyproc Fire Batt, ensure that the surface of all service penetrations and surrounding construction is free from all loose contaminants, dust and grease
- Cut the required board(s) to suit the aperture dimensions and type and size of service penetration(s). The board(s) face in contact with the substrate must be coated Gyproc Fire Coating prior to fitting
- Boards fixed to the supporting substrate with a minimum overlap of 50mm using $\geq 5 \times 80$ mm wood, masonry or concrete screws with minimum $\text{Ø}25$ mm penny washers at maximum 300mm centres. (Screw selection to be suitable for the supporting substrate). Fixings required either side of cut board joints
- Ensure all exposed edges of Gyproc Fire Batt are treated with Gyproc Fire Coating - with Gyproc Fire Acrylic Sealant used for batt to batt joints
- All joints, gaps or imperfections in the installed seal must be filled with Gyproc Acrylic Fire Sealant on both sides of the wall
- Gyproc Pipe Wrap to be positioned centrally to each batt layer. Refer to the relevant performance table for number of wrap layers

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	SEAL THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
Uponor Decibel pipe according to EN 1451-1	50	2.0	100	2 No. Gyproc Pipe Wrap fitted centrally to each batt layer	50 x 3.6 (2 layers)	EI 90 U/U
	75 - 110	2.6 - 3.8	100		50 x 3.6 (2 layers)	EI 90 U/C
BluePower Multilayer pipe according to EN 1451-1	32 - 50	1.8 - 4.9	100		50 x 3.6 (2 layers)	EI 90 U/U
	110	4.9	100		50 x 3.6 (2 layers)	EI 90 C/U
	125	4.9	100		50 x 10.8 (6 layers)	EI 90 U/C
Rehau Raupiano Plus PP-DD according to DIN 4102	40 - 50	1.8 - 2.7	100		50 x 10.8 (6 layers)	EI 90 U/C
	110	2.7	100		50 x 3.6 (2 layers)	EI 120 U/U
	125	3.9	100		50 x 3.6 (2 layers)	EI 120 U/C
Aquatherm Green SDR9 MF PP-RP according to ISO 21003	160	3.9	100		50 x 7.2 (4 layers)	EI 120 U/C
	32	3.0	100		50 x 10.8 (6 layers)	EI 120 U/C
	40 - 50	5.6 - 12.3	100		50 x 1.8 (1 layers)	E 120, EI 90 C/C
Wavin SiTech + PP-M Class B according to EN 13501-1	50 x 3.6 (2 layers)				50 x 3.6 (2 layers)	E 120, EI 90 C/C
	75 - 110	3.4	100		50 x 3.6 (2 layers)	E 120, EI 90 U/U
Geberit Silent PP according to DIN 4102	50 x 3.6 (2 layers)				50 x 3.6 (2 layers)	E 120, EI 60 U/C
	32 - 50	1.8 - 3.4	100	50 x 3.6 (2 layers)	EI 120 U/U	
	110	3.4	100	50 x 3.6 (2 layers)	EI 120 U/C	
	125	3.9	100	50 x 3.6 (2 layers)	EI 90 U/C	
	160	4.9	100	50 x 10.8 (6 layers)	EI 90 U/C	
	50 x 10.8 (6 layers)			50 x 10.8 (6 layers)	EI 90 U/C	

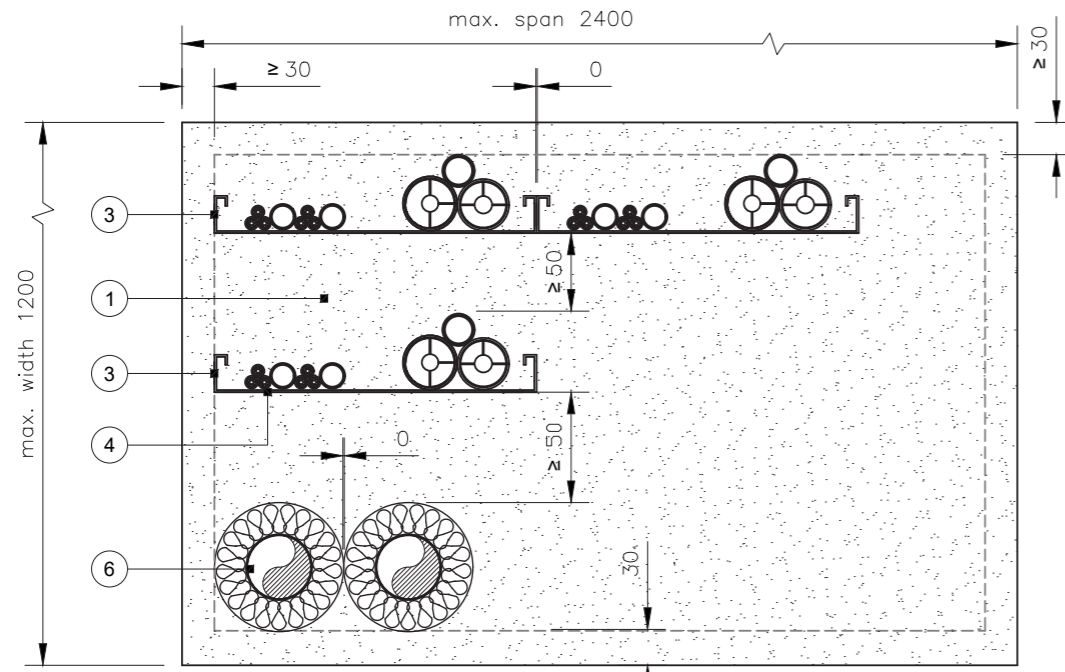
If specific pipe size is not stated, please refer to UKTA
Please check with the specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-635-258
Drawn: CT
Approved: JMC / MKF
Revision: -

Gyproc Fire Mortar solutions

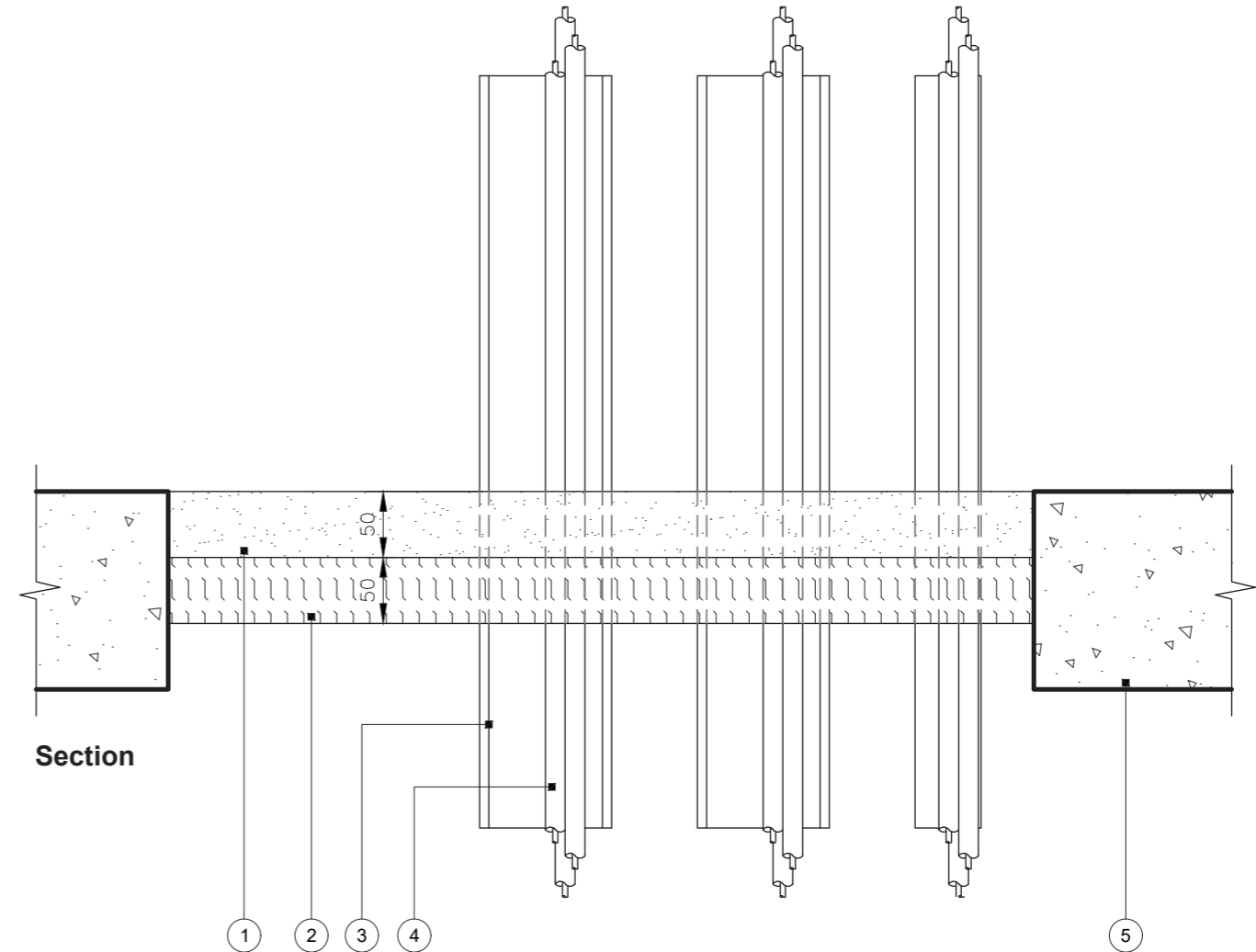
- 166 Detail 77 – 50 mm Gyproc Fire Mortar, cable penetrations
- 168 Detail 78 – 50 mm Gyproc Fire Mortar, metallic pipes with stone/glass mineral wool insulation
- 170 Detail 79 – 100 mm Gyproc Fire Mortar, cable penetrations
- 172 Detail 80 – 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, metallic pipes with combustible insulation
- 174 Detail 81 – 100 mm Gyproc Fire Mortar, metallic pipes with stone/glass mineral wool insulation
- 176 Detail 82 – 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, combustible pipe penetrations
- 178 Detail 83 – 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, manufacturer specific combustible pipe penetrations
- 180 Detail 84 – 120 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, combustible pipes with combustible insulation
- 182 Detail 85 – 120/150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, PVC-u pipes
- 184 Detail 86 – 120/150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, PP pipes
- 186 Detail 87 – 150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, PE, ABS, SAN+PVC and PE-x pipes
- 188 Detail 88 – 150 mm Gyproc Fire Mortar, cables
- 190 Detail 89 – 150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, combustible pipes with combustible insulation
- 192 Detail 90 – 150 mm Gyproc Fire Mortar, cable penetrations
- 194 Detail 91 – 150 mm Gyproc Fire Mortar, metallic pipes with stone mineral wool insulation
- 196 Detail 92 – 150 mm Gyproc Fire Mortar, cable penetrations
- 198 Detail 93 – 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap, metallic pipes with combustible insulation
- 200 Detail 94 – 100 mm Gyproc Fire Mortar, metallic pipes with stone mineral wool insulation

Detail 77 – 50 mm Gyproc Fire Mortar
Cable penetrations - Min. 100 mm rigid floor



Gyproc Fire Mortar plan
Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 50mm
- 2 50mm Gyproc Fire Batt as shuttering
- 3 Cable carriers (ladders & trays) supported maximum 450mm from top of slab
- 4 Cables supported maximum 450mm from top of slab
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Metallic pipes with stone mineral wool or glass mineral wool insulation



Section

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
0mm between cables along width of carrier
0mm between cable carriers (side by side)
50mm between cable / cable carrier (above/below)
50mm between different service types

Where cable carriers (e.g. trays, ladders, baskets) are discontinued on both sides of the penetration seal, the maximum distance from the penetration seal to the cable carriers are 150mm

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1.

- Installation guidance**
- Ensure the faces of the aperture opening are free of dust and any other contaminants
 - Install a permanent Gyproc Fire Batt to achieve the required thickness of mortar
 - For further guidance refer to the Gyproc Fire Mortar installation guide
 - Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

PENETRATION SEAL				
SERVICE TYPE	SERVICE SIZE (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	50	N/A	E 180, EI 90
	22 - 50	50	N/A	E 90, EI 30
	51 - 80	50	N/A	E 90, EI 30
Cable bundles (small cables ≤ 21mm)	≤ 100	50	N/A	EI 180
Steel cable trays & ladders *	any width	50	N/A	E 90, EI 60
Un-sheathed cables	≤ 24	50	N/A	E 180, EI 30
PVC conduits	≤ 16	50	N/A	EI 180 C/U

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-001

Revision: -

Detail 78 – 50 mm Gyproc Fire Mortar

Metallic pipes with stone/glass mineral wool insulation (Local Interrupted - LI) Min.

100mm rigid floor

Important information

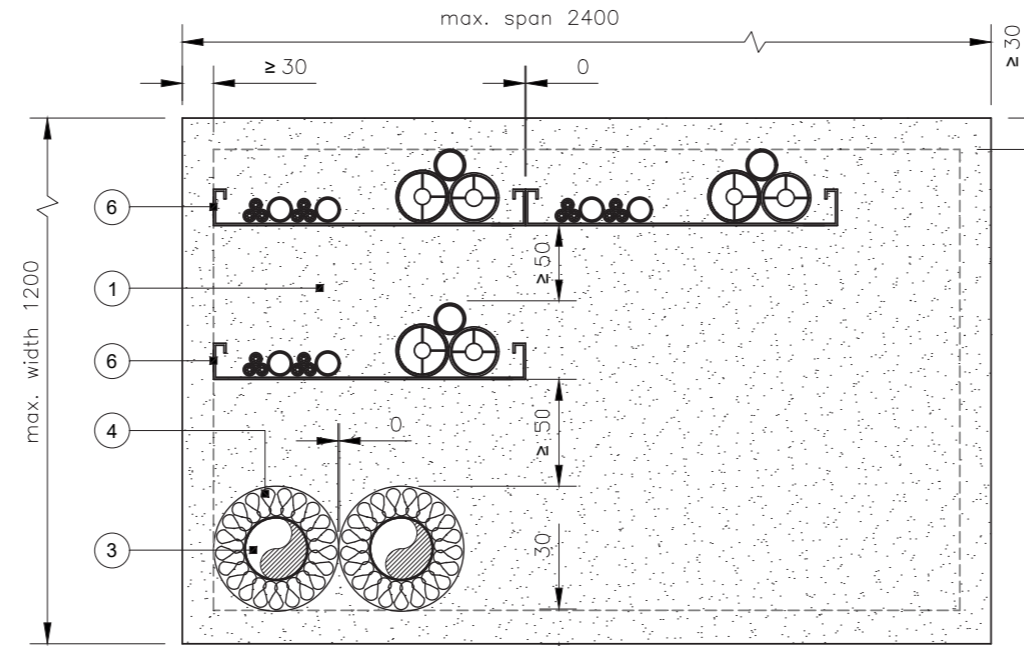
UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Note: For certain service types the maximum seal size is 280mm x 280mm (see table below)

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1.



Gyproc Fire Mortar plan

Mixed services shown for illustration purposes of suitable service separations

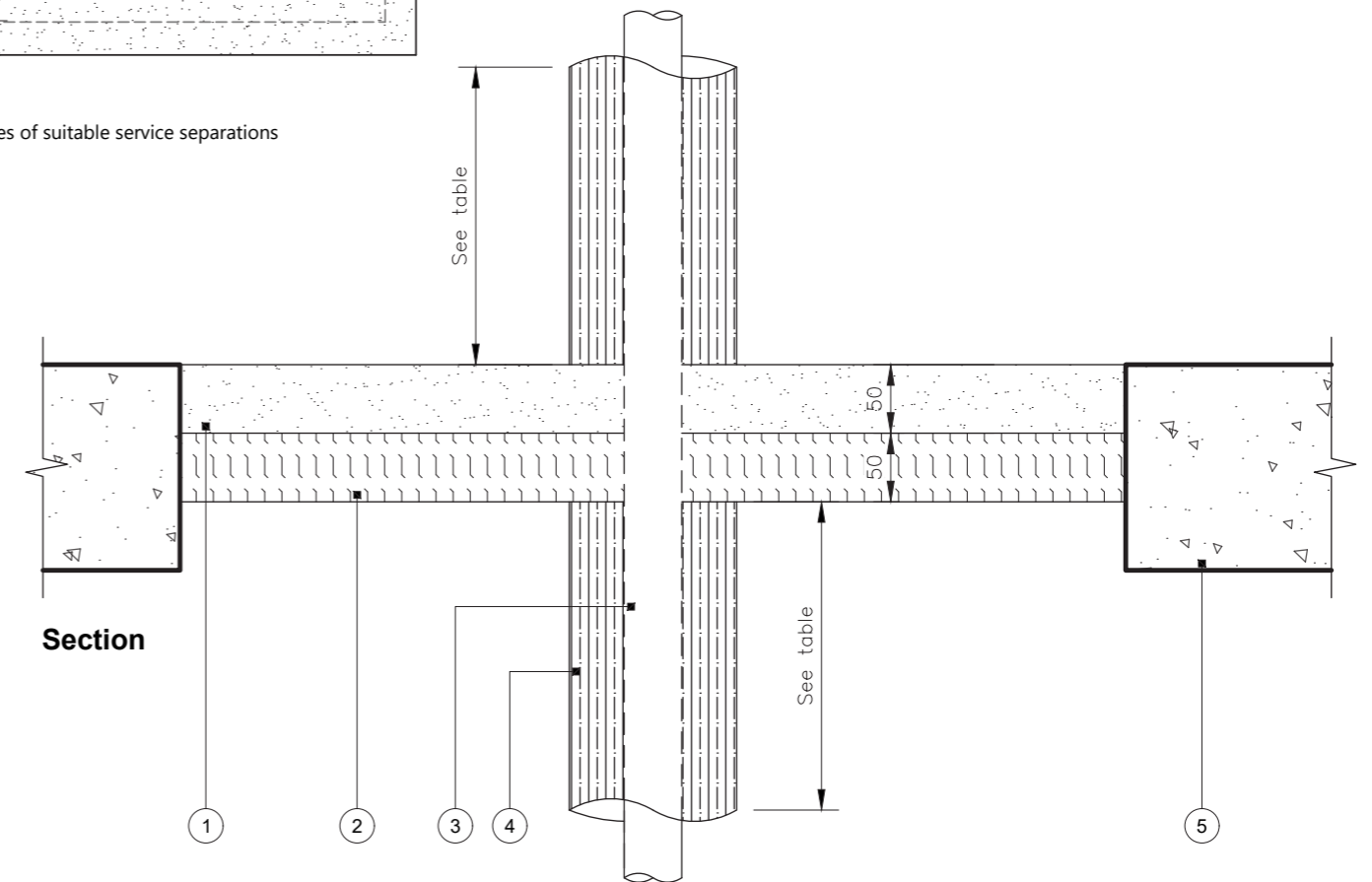
Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Local Interrupted - LI pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along 1000mm length
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

- 1 Gyproc Fire Mortar. Minimum thickness 50mm
- 2 50mm Gyproc Fire Batt as shuttering
- 3 Copper or steel pipe supported maximum 450mm from top of slab
- 4 Stone mineral wool or glass mineral wool insulation as a Local Interrupted (LI) length of both sides of the seal
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (LI OR CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Copper & Steel	≤ 54	1.0 - 14.2	50	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 180 C/C
	≤ 54	≥ 0.7	50	Min. 500mm length of stone mineral wool or Glass mineral wool insulation min. 75kg/m ³ on each side of the seal	≥ 20	E 180, EI 120 C/C
	≤ 108	≥ 0.7	50	Min. 500mm length of stone mineral wool or glass mineral wool insulation min. 75kg/m ³ on each side of the seal	≥ 30	E 180, EI 30 C/C
	≤ 108	≥ 0.7	50	Min. 1000mm length of stone mineral wool or glass mineral wool insulation min. 75kg/m ³ on each side of the seal	≥ 30	E 180, EI 60 C/C
Steel	≤ 40	1.0 - 14.2	50 #	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 240 C/U
	≤ 219	4.5 - 14.2	50 #	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 30	E 240, EI 90 C/U
	≤ 40	1.0 - 14.2	50	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 180 C/U
	≤ 219	4.5 - 14.2	50	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 30	E 180, EI 90 C/U
	≤ 273	4.0 - 14.2	50	Min. 500mm length of stone mineral wool or glass mineral wool insulation min. 75kg/m ³ on each side of the seal	≥ 30	E 180, EI 60 C/U
Alupex Composite	16	2.25	50	Min. 500mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 180 C/C
	75	4.7	50	Min. 500mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 180 C/C

* If specific pipe size is not stated please refer to UKTA
Maximum aperture size 280mm x 280mm



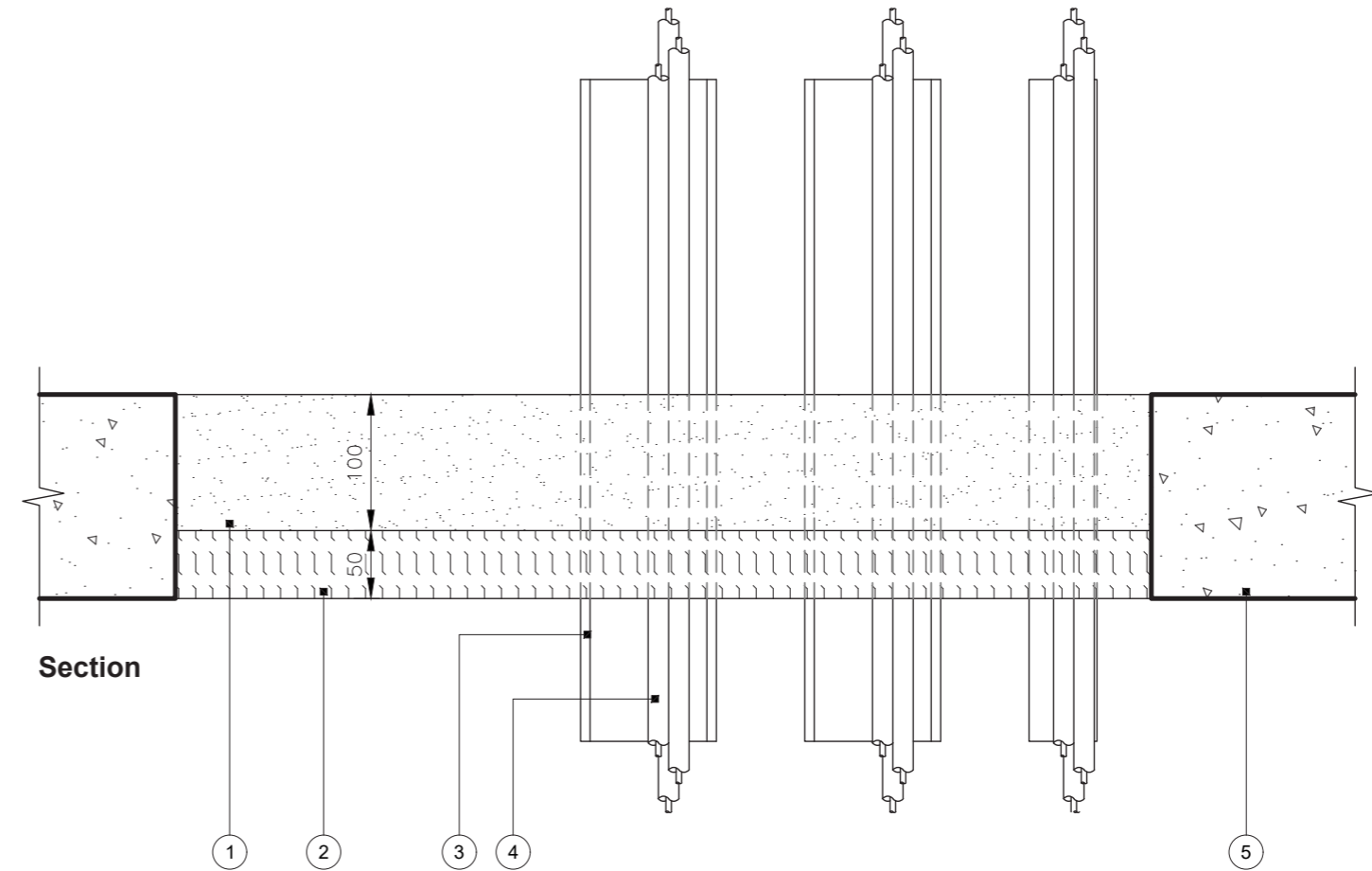
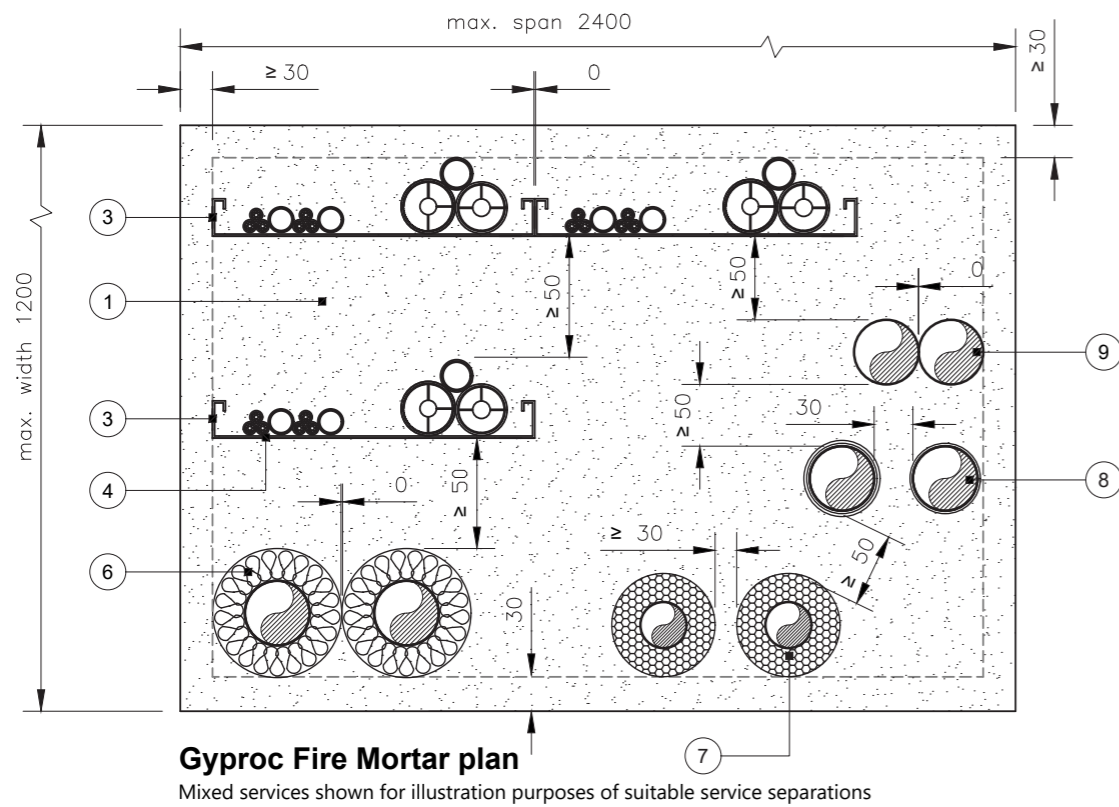
Section

Title: Construction detail

Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-636-002

Drawn: CT
Approved: JMC / MKF
Revision: -

Detail 79 - 100 mm Gyproc Fire Mortar
Cable penetrations - Min. 100 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Cable carriers (ladders & trays) supported maximum 450mm from top of slab
- 4 Cables supported maximum 450mm from top of slab
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Metallic pipes with stone mineral wool insulation
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Combustible pipes with Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

- 30mm to aperture edge
- 0mm between cables along width of carrier
- 0mm between cable carriers (side by side)
- 50mm between cable / cable carrier (above/below)
- 50mm between different service types

Where cable carriers (e.g. trays, ladders, baskets) are discontinued on both sides of the penetration seal, the maximum distance from the penetration seal to the cable carriers are 150mm

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	100	N/A	E 180, EI 60
	22 - 50	100	N/A	E 180, EI 60
	51 - 80	100	N/A	E 120, EI 60
Cable bundles (small cables ≤ 21mm)	≤ 100	100	N/A	E 180, EI 120
Steel cable trays & ladders *	any width	100	N/A	E 120, EI 60
Un-sheathed cables	≤ 24	100	N/A	E 180, EI 20
PVC conduits	≤ 16	100	N/A	EI 180 C/U

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

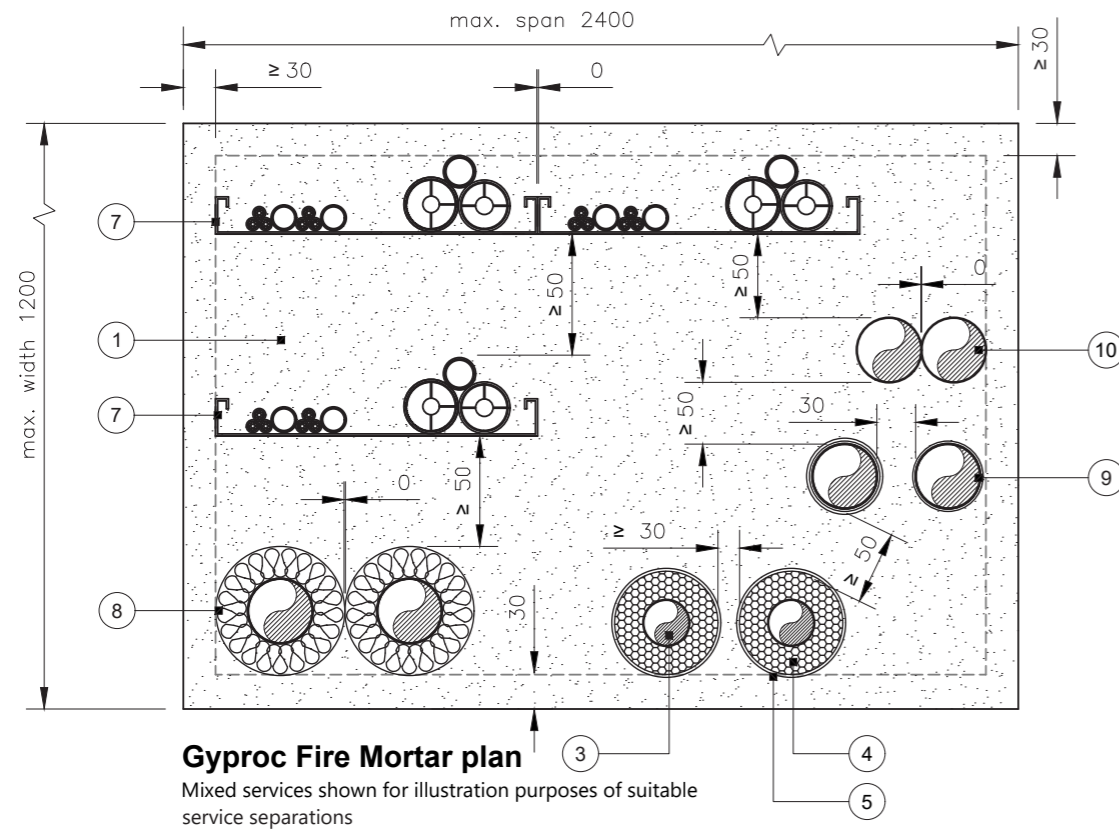
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-101

Revision: -

Detail 80 - 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Metallic pipes with combustible insulation (Continued Sustained - CS) Min. 100 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Metallic pipes supported maximum 450mm from top of slab
- 4 Combustible insulation as a Continued Sustained (CS) length
- 5 Gyproc Pipe Wrap refer to table for wrap layers
- 6 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Combustible pipes with Gyproc Pipe Wrap
- 10 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

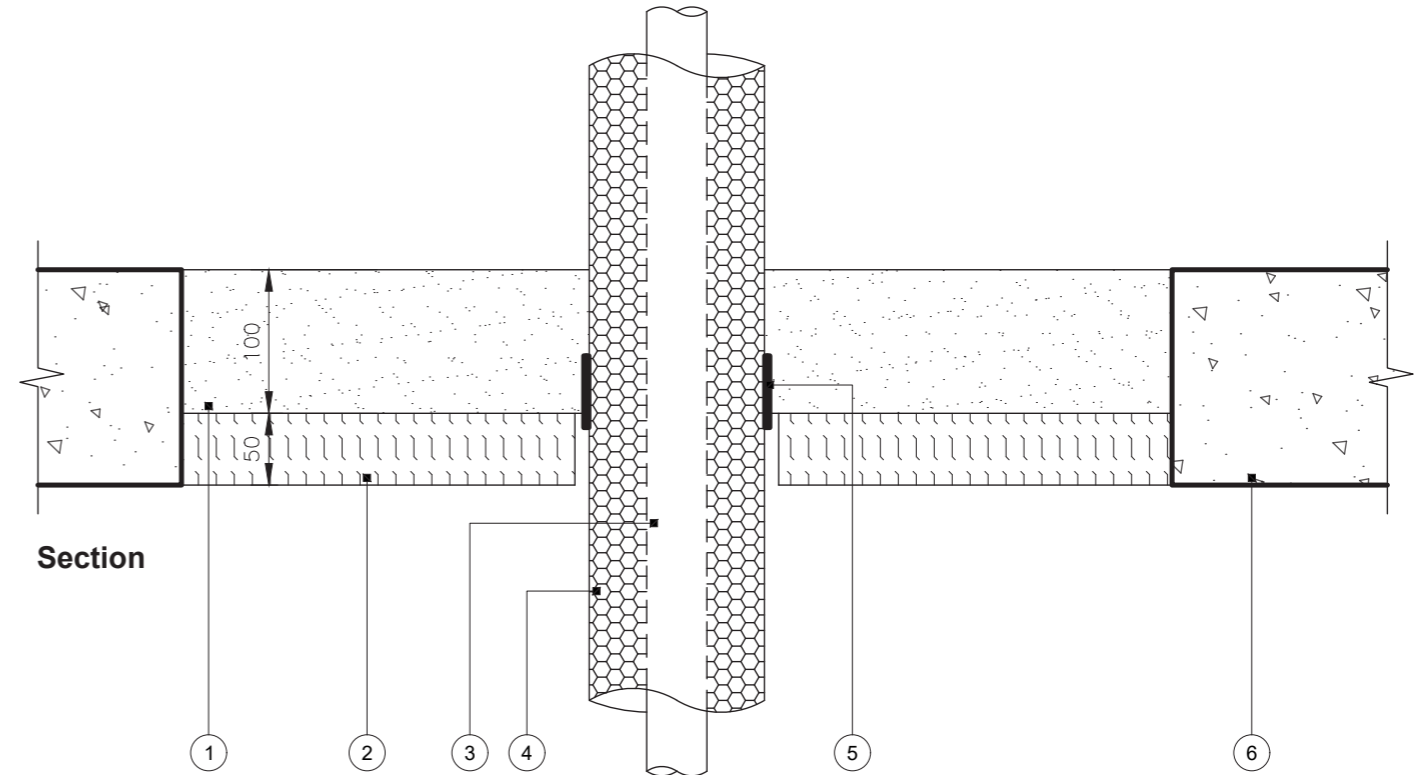
Service Separation:

- 30mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system



PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION	
Copper or Steel	12	≥ 1	100	Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation	9	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 3.6 (2 layers)	EI 240 C/C	
	54	≥ 1.2	100		19			E 180, EI 120 C/C	
	12	≥ 1	100		9-18 & 20-25			E 180, EI 60 C/C	
	54	≥ 1.2	100		9-18 & 20-25			E 180, EI 60 C/C	
	12	≥ 1	100		Foil faced phenolic foam insulation			25	E 180, EI 120 C/C
	54	≥ 1.2	100					25	E 180, EI 120 C/C
	12	≥ 1	100	PU foam insulation	100		50 x 1.8 (1 layer)	EI 30 C/C	
	54	≥ 1.2	100		100			EI 30 C/C	
	159	≥ 2.0	100		100			EI 30 C/C	
	12	≥ 1	100		40		50 x 3.6 (2 layers)	E 120, EI 60 C/C	
	54	≥ 1.2	100		40			E 120, EI 60 C/C	
	12	≤ 40	1.5 - 14.2		100			Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation	50 x 1.8 (1 layer)
≤ 165	2.8 - 14.2	100	13 - 19	E 180, EI 120 C/U					
≤ 40	1.0 - 14.2	100	25	50 x 3.6 (2 layers)	EI 240 C/U				
≤ 324	6.4 - 14.2	100	25		E 240, EI 120 C/U				
≤ 40	1.0 - 14.2	100	25 - 50	50 x 5.4 (3 layers)	EI 120 C/U				
≤ 324	6.4 - 14.2	100	25 - 50		EI 120 C/U				

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-636-102

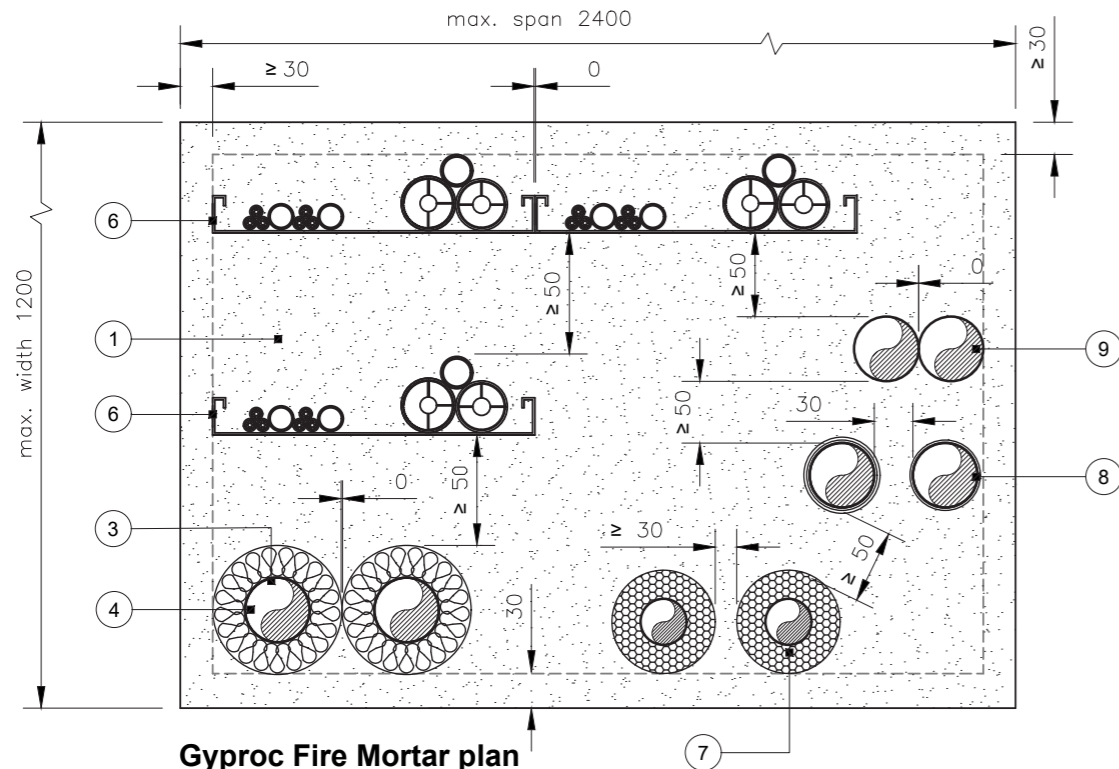
Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 81 – 100 mm Gyproc Fire Mortar

Metallic pipes with stone mineral wool insulation (Local Interrupted - LI or Continued Interrupted - CI) Min. 100 mm rigid floor



Gyproc Fire Mortar plan

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Metallic pipe supported maximum 450mm from top of slab
- 4 Stone mineral wool insulation as Local Interrupted (LI) length of both sides of the seal
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Combustible pipes with Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

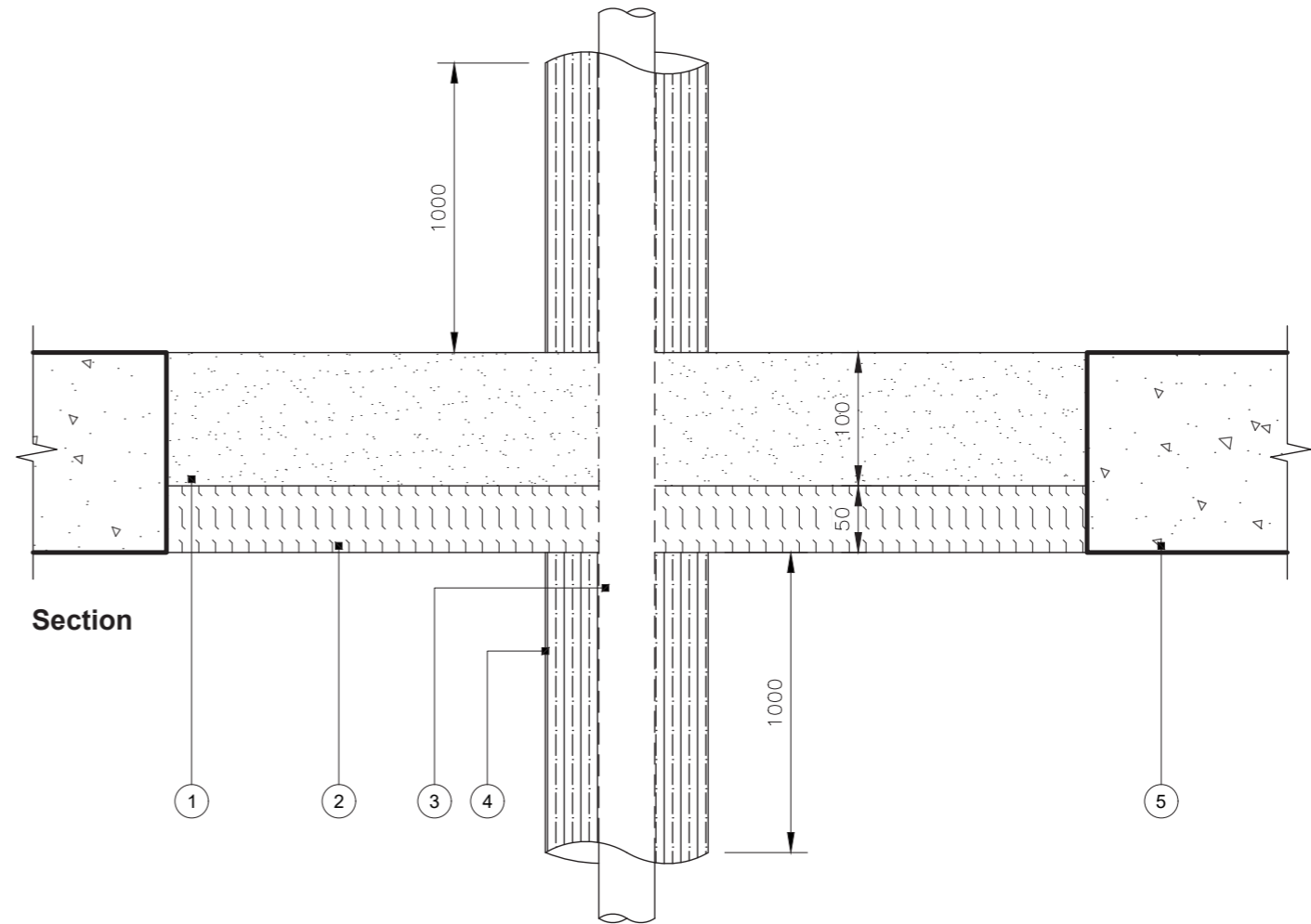
Service Separation:

- 30mm to aperture edge
- 0mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Local Interrupted - LI or Continuous Interrupted - CI stone mineral wool pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along 1000mm length
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system



PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (LI OR CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.5 - 14.2	100	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 240 C/U
	40	1.5 - 14.2	100		≥ 30	E 240, EI 120 C/U
	50	1.7 - 14.2	100		≥ 30	E 240, EI 120 C/U
	60	1.8 - 14.2	100		≥ 30	E 240, EI 120 C/U
	75	2.1 - 14.2	100		≥ 30	E 240, EI 120 C/U
	90	2.3 - 14.2	100		≥ 30	E 240, EI 120 C/U
	100	2.5 - 14.2	100		≥ 30	E 240 EI 120 C/U
	115	2.8 - 14.2	100		≥ 30	E 240, EI 120 C/U
	140	3.2 - 14.2	100		≥ 30	E 240, EI 120 C/U
	165	3.6 - 14.2	100		≥ 30	E 240, EI 120 C/U
	180	3.9 - 14.2	100		≥ 30	E 240, EI 120 C/U
200	4.2 - 14.2	100	≥ 30	E 240, EI 120 C/U		
219	4.5 - 14.2	100	≥ 30	E 240, EI 120 C/U		
Copper	12	≥ 0.7	100	≥ 30	E 240, EI 60 C/C	
	159	≥ 2.0	100	≥ 30	E 240, EI 60 C/C	

If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

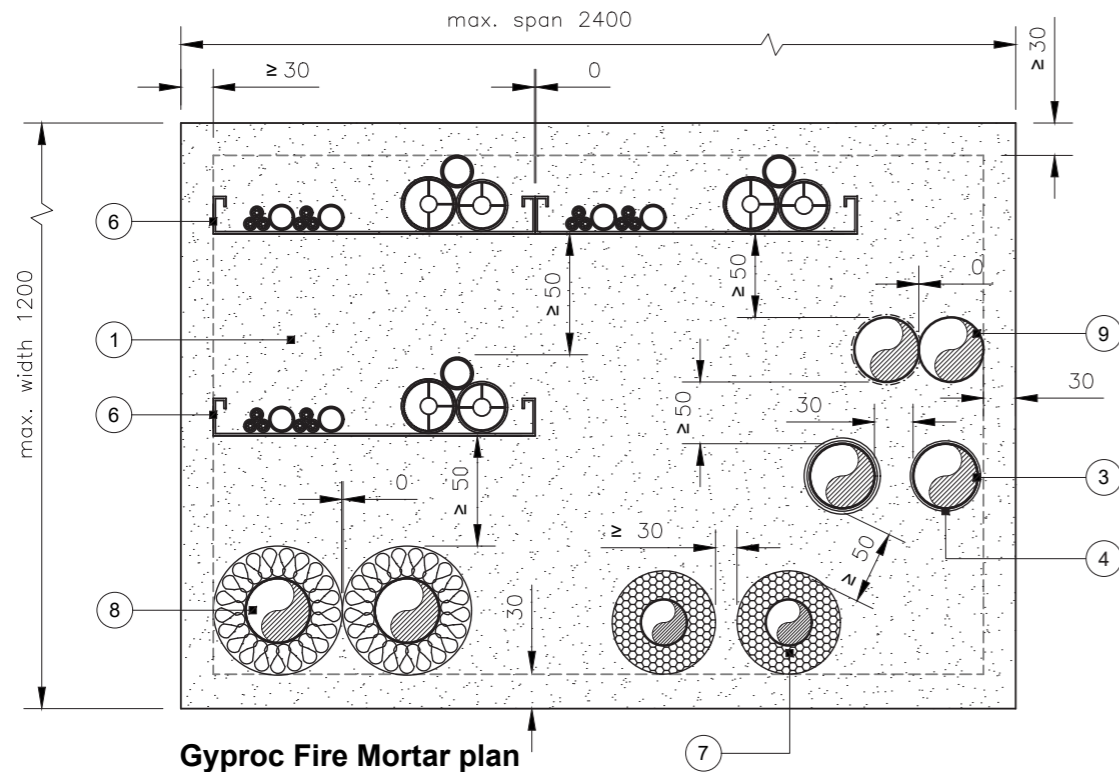
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-103

Revision: -

Detail 82 – 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Combustible pipe penetrations - Min. 100 mm rigid floor



Gyproc Fire Mortar plan
Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Gyproc Pipe Wrap refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets.
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Metallic pipes with stone mineral wool insulation
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

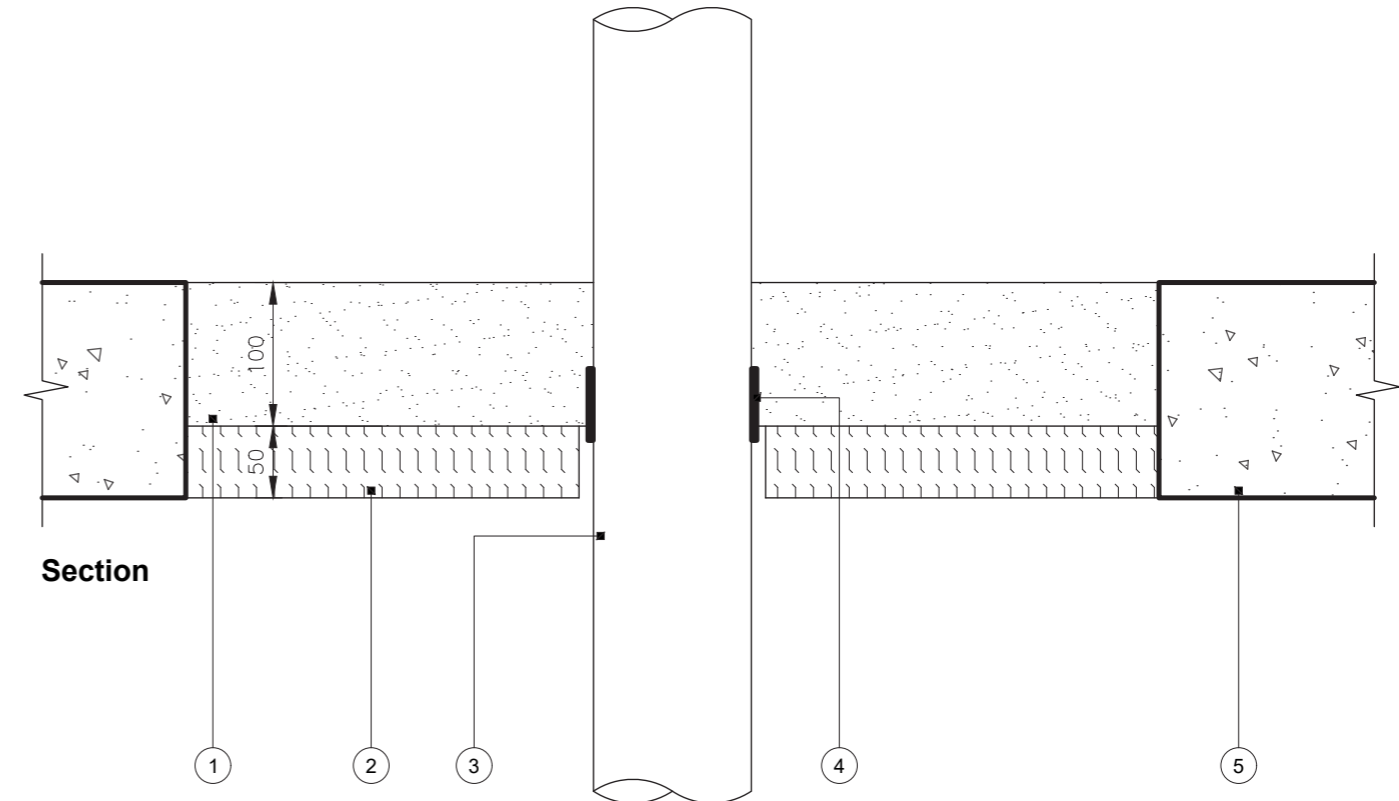
Service Separation:

- 30mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide



PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
PVC-U	40	1.8 - 3.7	100	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	E 180, EI 120 U/U
	80	1.8 - 5.3	100		50 x 3.6 (2 layers)	EI 240 U/C
	110	2.4 - 6.6	100		50 x 3.6 (2 layers)	EI 240 U/C
	125	2.6 - 7.4	100		50 x 7.2 (4 layers)	EI 120 U/C
	160	3.3 - 4.4	100		50 x 10.8 (6 layers)	EI 120 C/C
	160	3.3 - 9.5	100		50 x 10.8 (6 layers)	EI 90 U/C
PE, ABS, SAN+PVC & PE-x	40	2.4 - 3.7	100		50 x 1.8 (1 layer)	EI 120 U/C
	110	3.4 - 10.0	100		50 x 3.6 (2 layers)	EI 120 U/C
	125	2.4 - 6.6	100		50 x 7.2 (4 layers)	EI 240 U/C
	160	4.9 - 14.6	100		50 x 10.8 (6 layers)	EI 120 U/C
	250	7.8	100		75 x 12.6 (7 layers)	EI 180 C/C
PP	40	1.8 - 5.5	100		50 x 1.8 (1 layer)	EI 120 U/C
	50	2.5 - 5.5	100	50 x 3.6 (2 layers)	EI 240 C/C	
	75	3.5 - 5.5	100	50 x 3.6 (2 layers)	EI 240 C/C	
	110	2.7 - 6.3	100	50 x 3.6 (2 layers)	EI 240 U/C	
	125	3.4 - 7.4	100	50 x 7.2 (4 layers)	EI 240 U/C	
	160	4.9 - 14.6	100	50 x 10.8 (6 layers)	EI 240 U/C	

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below

If specific pipe size is not stated please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

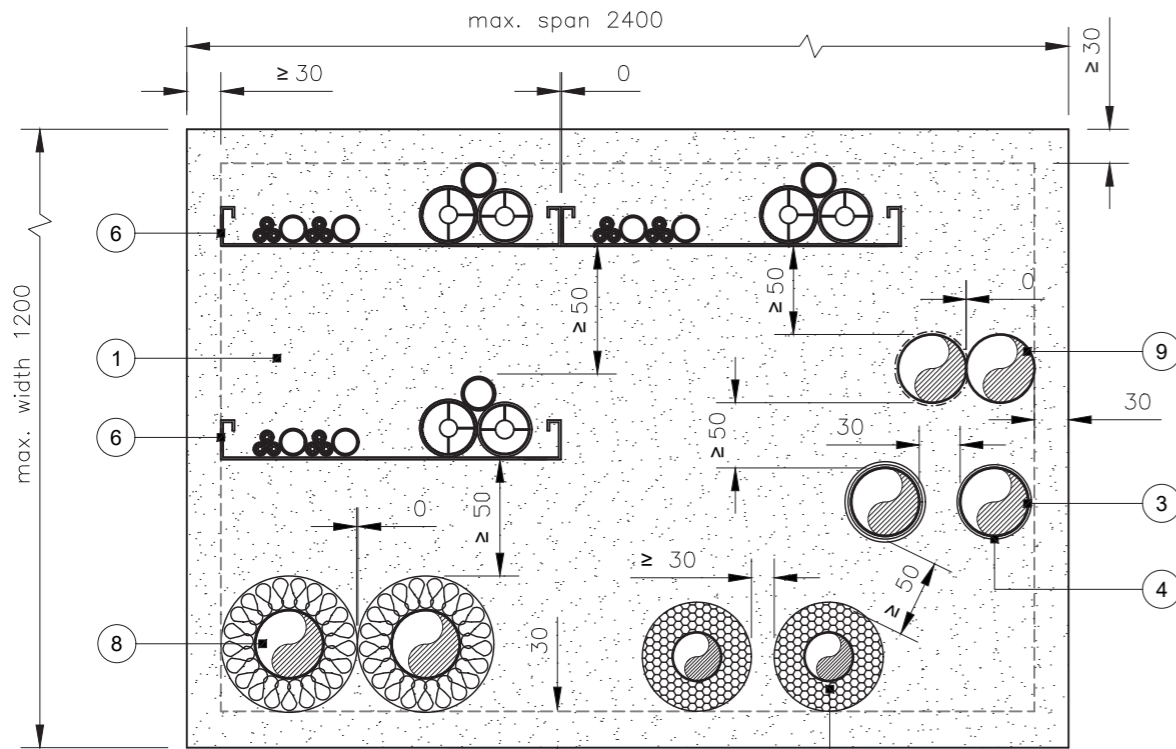
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-104

Revision: -

Detail 83 - 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Manufacturer specific combustible pipe penetrations - Min. 100 mm rigid floor



Gyproc Fire Mortar plan

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Gyproc Pipe Wrap refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 100mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 8 Metallic pipes with stone mineral wool insulation
- 9 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

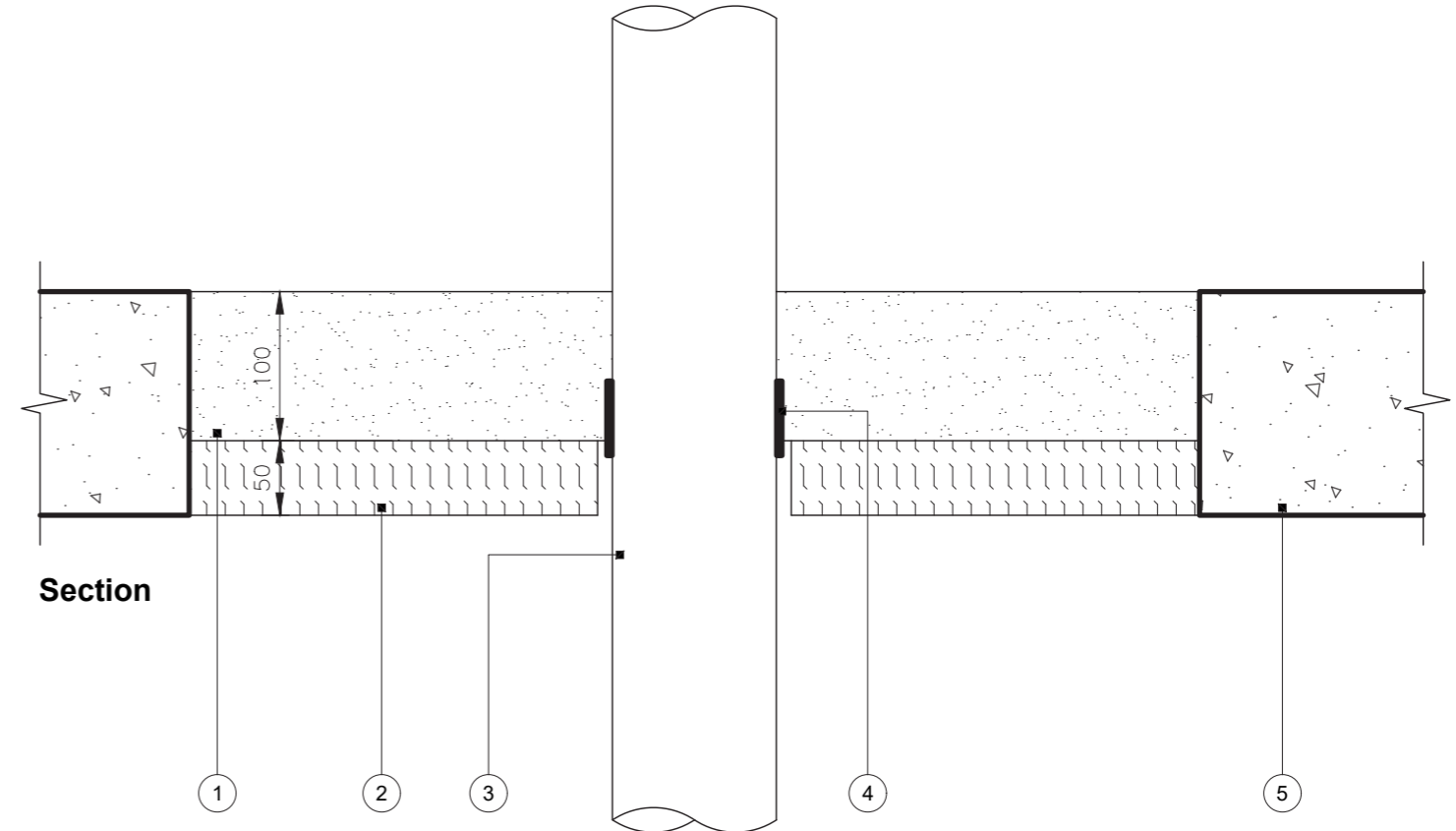
The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide



PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
Rehau Raupiano Plus PP-DD according to DIN 4102	40 - 50	1.8 - 2.7	100	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 3.6 (2 layers)	EI 120 U/U
	110	2.7	100		50 x 3.6 (2 layers)	EI 120 U/C
	125	3.1	100		50 x 7.2 (4 layers)	E 240, EI 120 U/C
	160	3.9	100		50 x 10.8 (6 layers)	EI 120 U/C
Aquatherm Green SDR9 MF PP-RP according to ISO 21003	32	3.6	100		50 x 1.8 (1 layer)	EI 240 C/C
	40 - 50	5.6 - 12.3	100		50 x 3.6 (2 layers)	EI 240 C/C
	63 - 110	12.3	100		50 x 3.6 (2 layers)	EI 240 C/C
Wavin SiTech + PP-M Class B according to EN 13501-1	32 - 50	1.8 - 3.4	100		50 x 3.6 (2 layers)	EI 120 U/U
	75 - 110	3.4	100		50 x 3.6 (2 layers)	EI 120 U/C
Geberit Silent PP according to DIN 4102	32 - 50	1.8 - 3.4	100		50 x 3.6 (2 layers)	EI 120 U/U
	75 - 110	3.4	100		50 x 3.6 (2 layers)	EI 120 U/C
	125	3.9	100		50 x 10.8 (6 layers)	EI 120 U/C
	160	4.9	100	50 x 10.8 (6 layers)	EI 240 U/C	
Uponor Decibel pipes according to EN 14366	32 - 50	2.0 - 3.8	100	50 x 3.6 (2 layers)	EI 120 U/U	
	75	2.8 - 3.8	100	50 x 3.6 (2 layers)	EI 120 U/C	
	110	3.8	100	50 x 3.6 (2 layers)	EI 120 U/C	

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA
Please check with specific pipe manufacturer that the above quoted pipe specifications are current

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

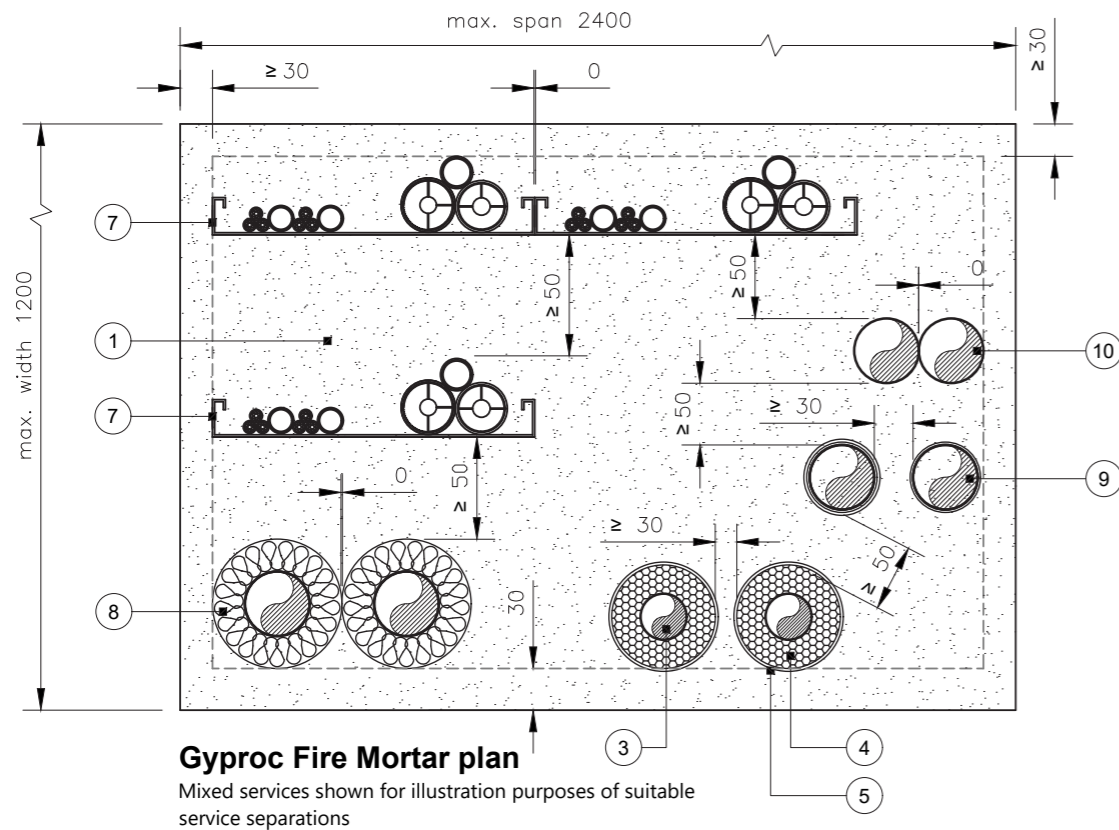
Dwg No.: CN-636-105

Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 84 - 120 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Combustible pipes with combustible insulation - Min. 120 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 120mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Combustible insulation as a Continued Sustained (CS) length
- 5 Gyproc Pipe Wrap refer to table for wrap layers
- 6 Rigid floor with minimum thickness of 120mm and minimum density of 650 kg/m³
- 7 Cables on trays, ladders and baskets
- 8 Metallic pipes with stone mineral wool insulation
- 9 Combustible pipes with Gyproc Pipe Wrap
- 10 Un-insulated metallic pipes

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

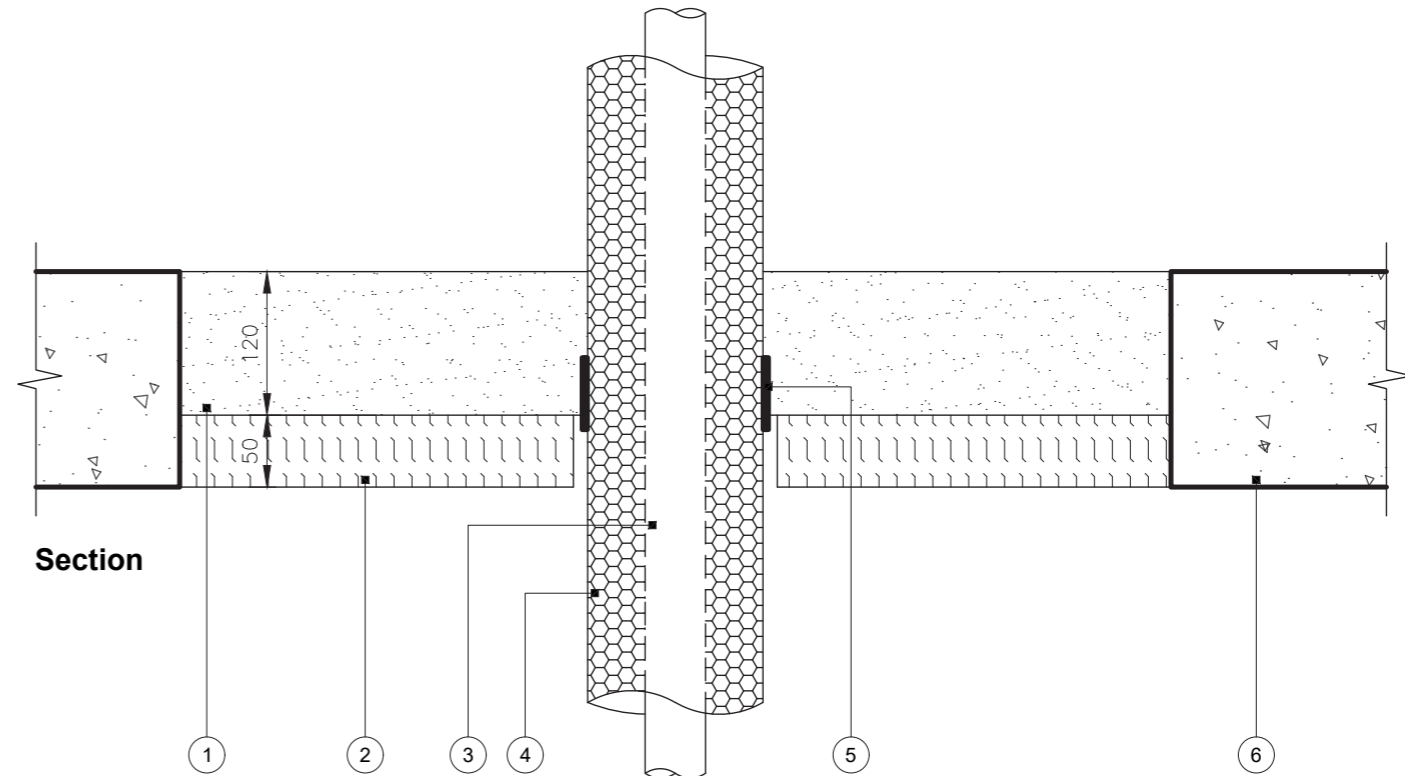
The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide



PENETRATION SEAL									
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	OUTER DIA. INC. INS. (mm)	SIZE (mm)	CLASSIFICATION
PE, ABS, SAN+PVC & PE-x	50	3.0 - 4.6	120	Elastomeric insulation minimum class B-s3,d0 or foil faced Phenolic Foam insulation	9 - 50	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	Max. 68	50 x 3.6 (2 layers)	EI 240 C/C
	160	4.9 - 9.5	120		9 - 50		Max. 178	75 x 10.8 (6 layers)	EI 240 C/C
	160	4.9 - 9.5	120		9 - 50		Max. 260	75 x 18 (10 layers)	EI 120 C/C
PP	50	1.8 - 4.6	120		9 - 50		Max. 68	50 x 3.6 (2 layers)	E 240, EI 180 C/C
	160	4.9 - 9.1	120		9 - 50		Max. 178	75 x 10.8 (6 layers)	EI 240 C/C
	160	4.9 - 9.1	120		9 - 50		Max. 260	75 x 18 (10 layers)	EI 120 C/C

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

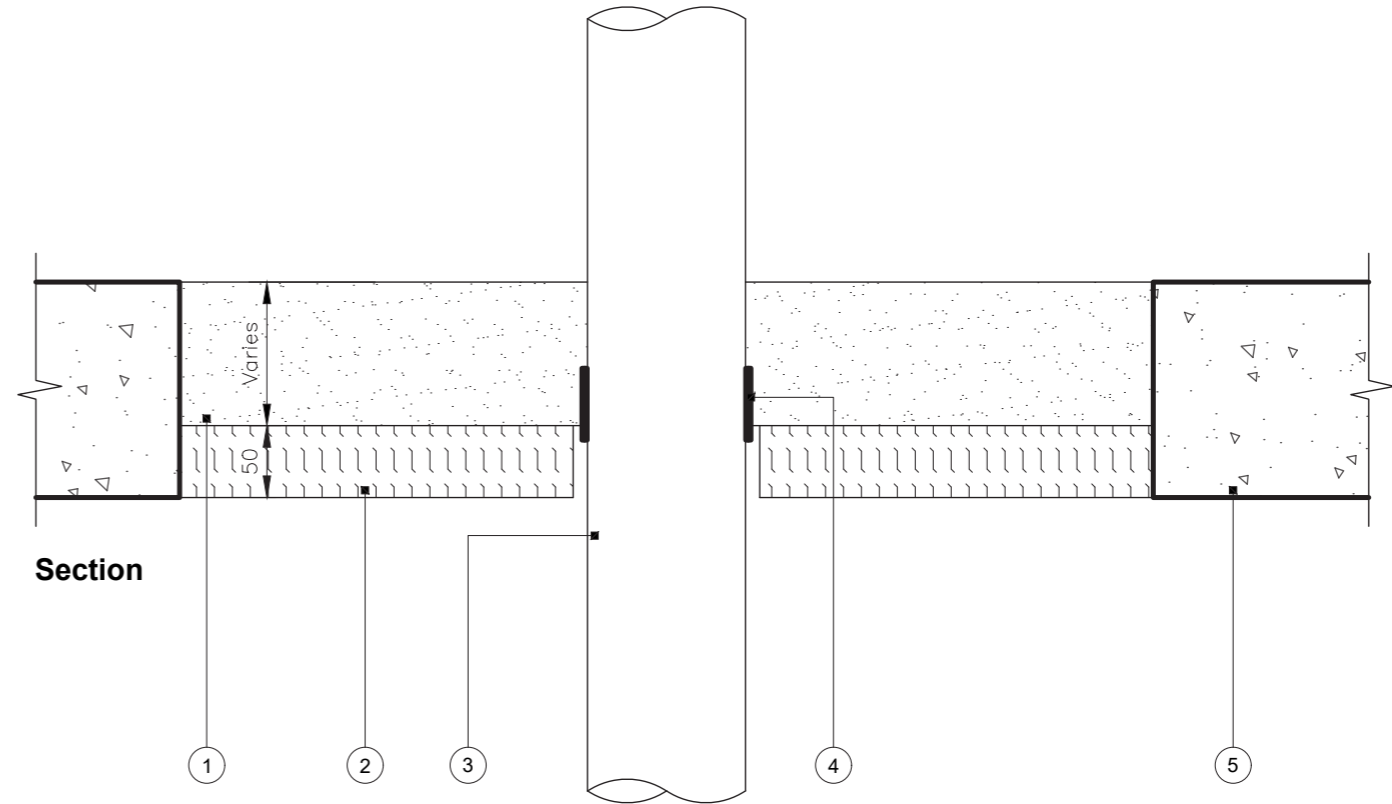
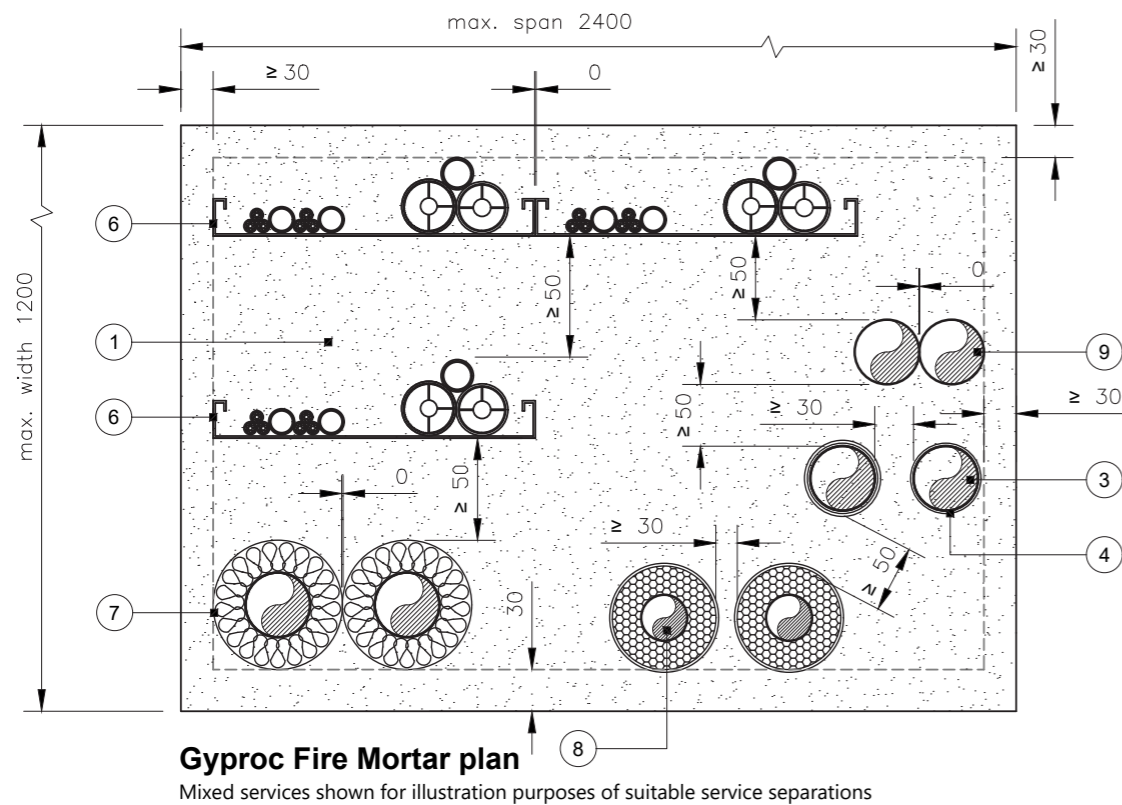
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-201

Revision: -

Detail 85 - 120/150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
PVC-U pipes - Min. 120/150 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 120mm or 150mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Gyproc Pipe Wrap refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 120mm or 150mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Combustible pipes / combustible insulation with Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

- 30mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
PVC-U	40	1.8 - 3.7	150	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	EI 120 U/U
	41	1.8 - 3.7	150		50 x 7.2 (4 layers)	EI 60 U/U
	125	4.8 - 7.4	150		50 x 7.2 (4 layers)	EI 60 U/U
	126	4.8 - 7.4	150		75 x 10.8 (6 layers)	E 120, EI 30 U/U
	160	9.5	150		75 x 10.8 (6 layers)	E 120, EI 30 U/U
PVC-U	160	4.5 - 9.5	120		50 x 10.8 (6 layers)	EI 120 U/C
	161	4.5 - 9.5	120		75 x 10.8 (6 layers)	EI 120 C/C
	200	4.9 - 11.9	120		75 x 10.8 (6 layers)	EI 120 C/C
	201	4.9 - 11.9	120		75 x 18 (10 layers)	EI 120 C/C
	315	7.7	120		75 x 18 (10 layers)	EI 120 C/C
	315	7.7 - 12.1	120		75 x 28.8 (16 layers)	EI 60 C/C
	400	15.3	120	75 x 28.8 (16 layers)	EI 60 C/C	

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA
Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

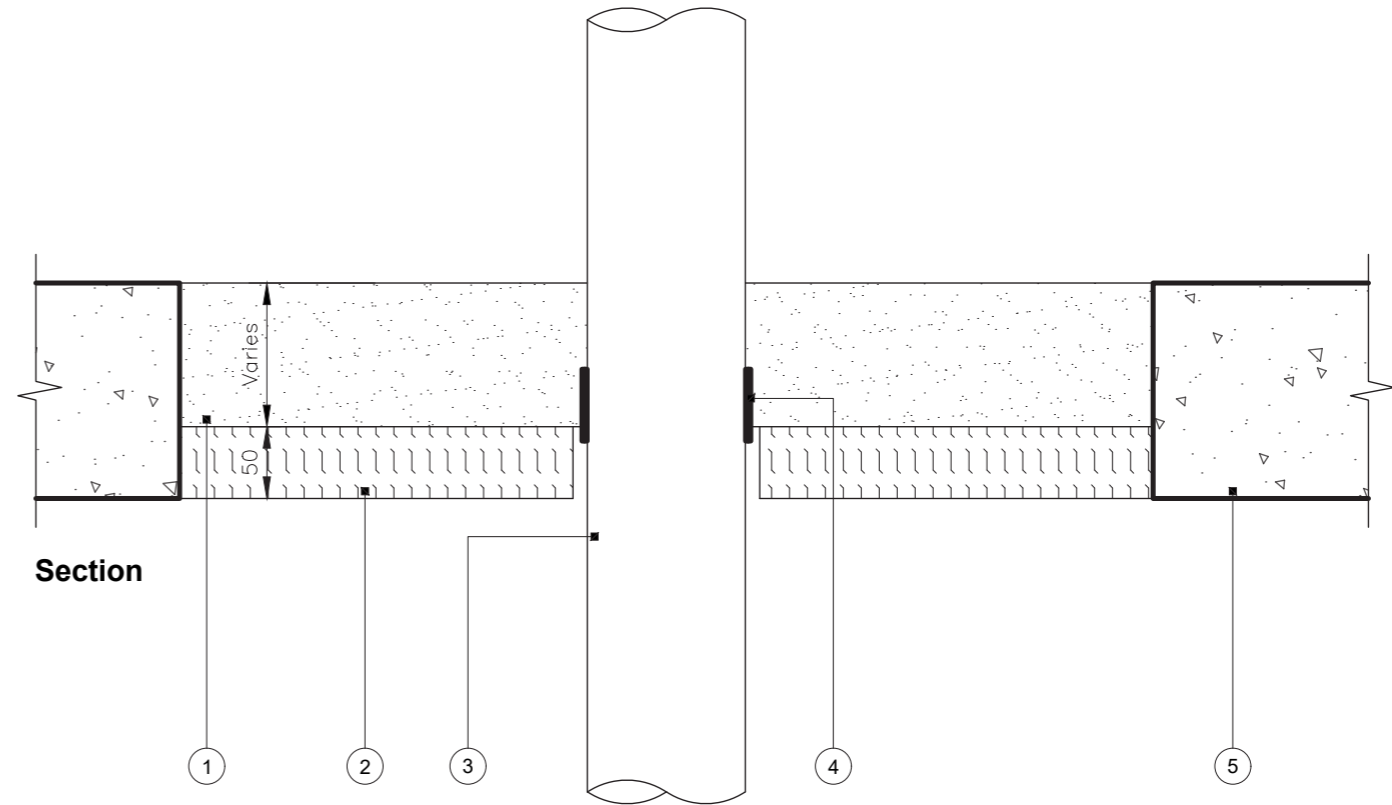
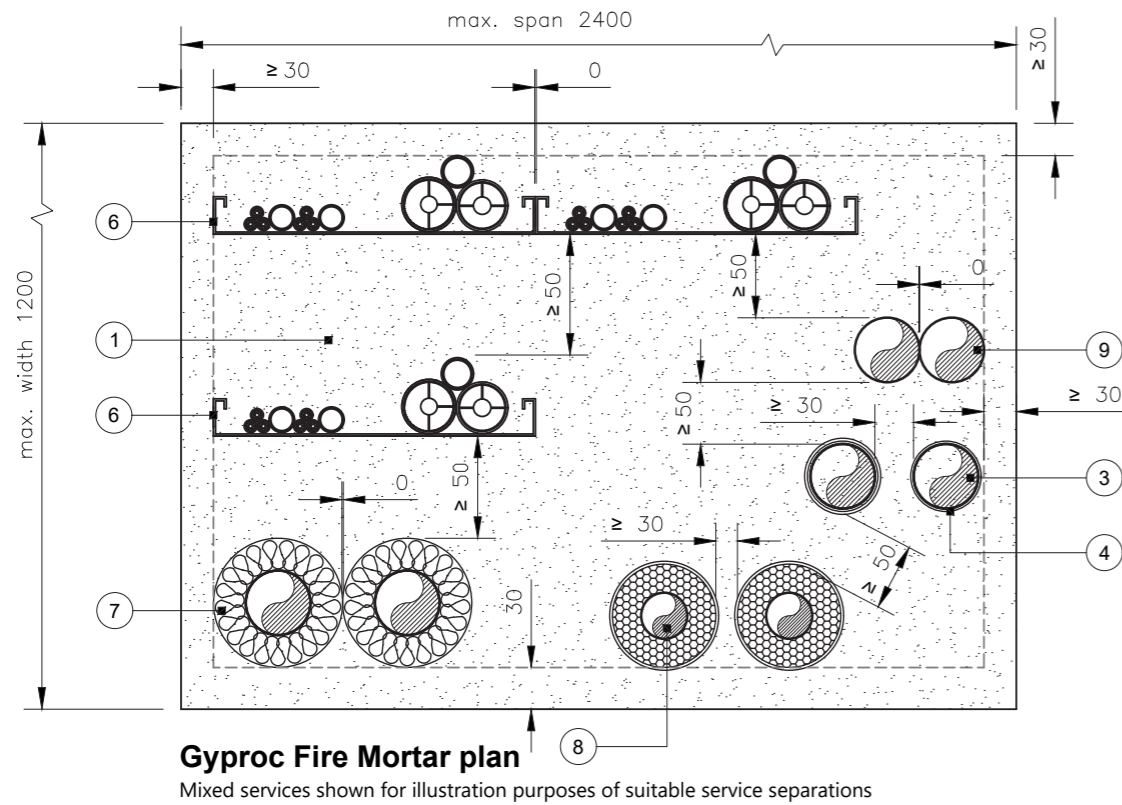
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-202

Revision: -

Detail 86 - 120/150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
PP pipes - Min. 120/150 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 120mm or 150mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Gyproc Pipe Wrap refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 120mm or 150mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Combustible pipes / combustible insulation with Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

- 30mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
PP	40	1.8 - 5.5	150	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	EI 120 U/U
	41	1.8 - 5.5	150		75 x 10.8 (6 layers)	EI 120 U/C
	160	4.9 - 14.6	150		75 x 10.8 (6 layers)	EI 120 U/C
PP	161	4.9 - 14.6	120		75 x 10.8 (6 layers)	EI 240 C/C
	200	4.9 - 18.2	120		75 x 10.8 (6 layers)	EI 240 C/C
PP	201	4.9 - 18.2	150		75 x 18 (10 layers)	EI 60 C/C
	315	7.7 - 28.6	150	75 x 28.8 (16 layers)	EI 60 C/C	
	400	22.7	150	75 x 28.8 (16 layers)	EI 60 C/C	

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below

If specific pipe size is not stated please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

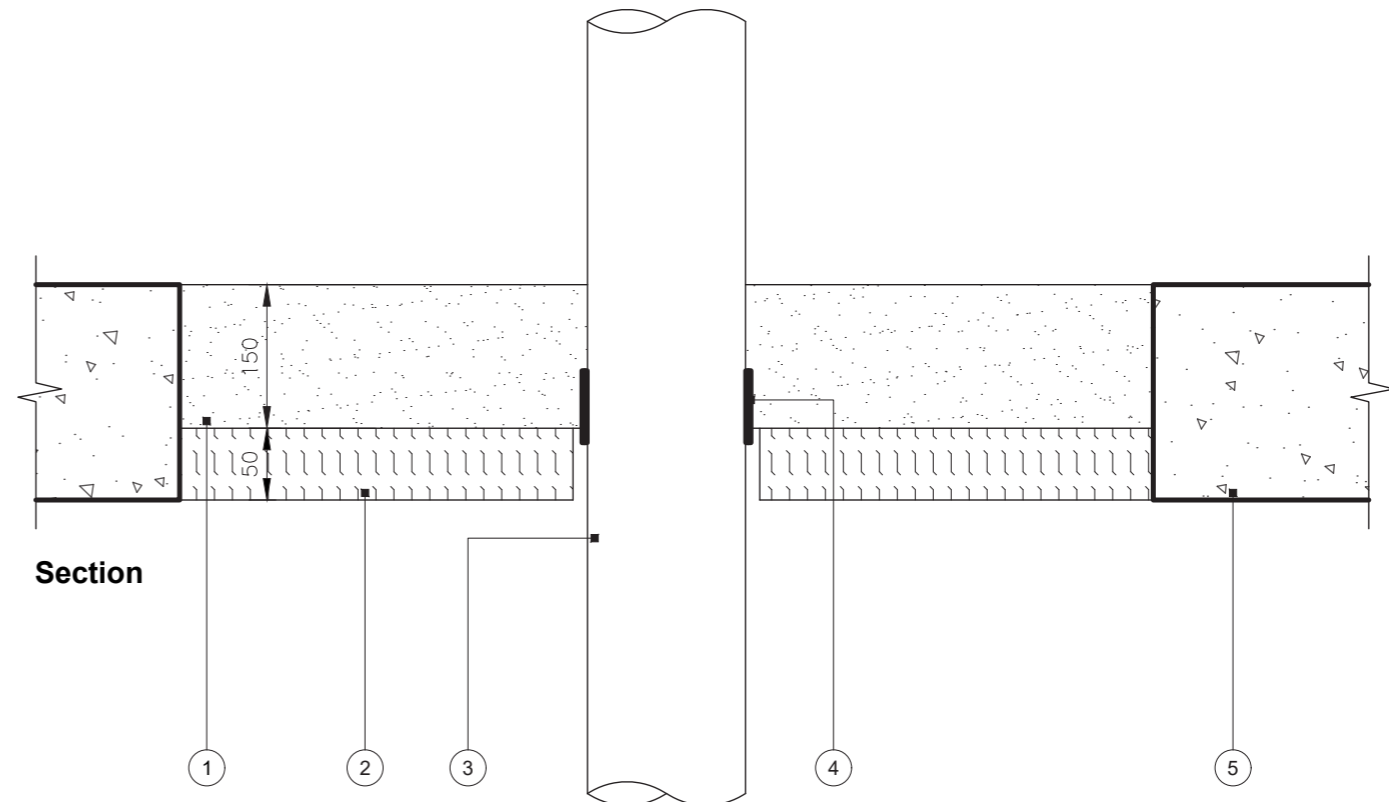
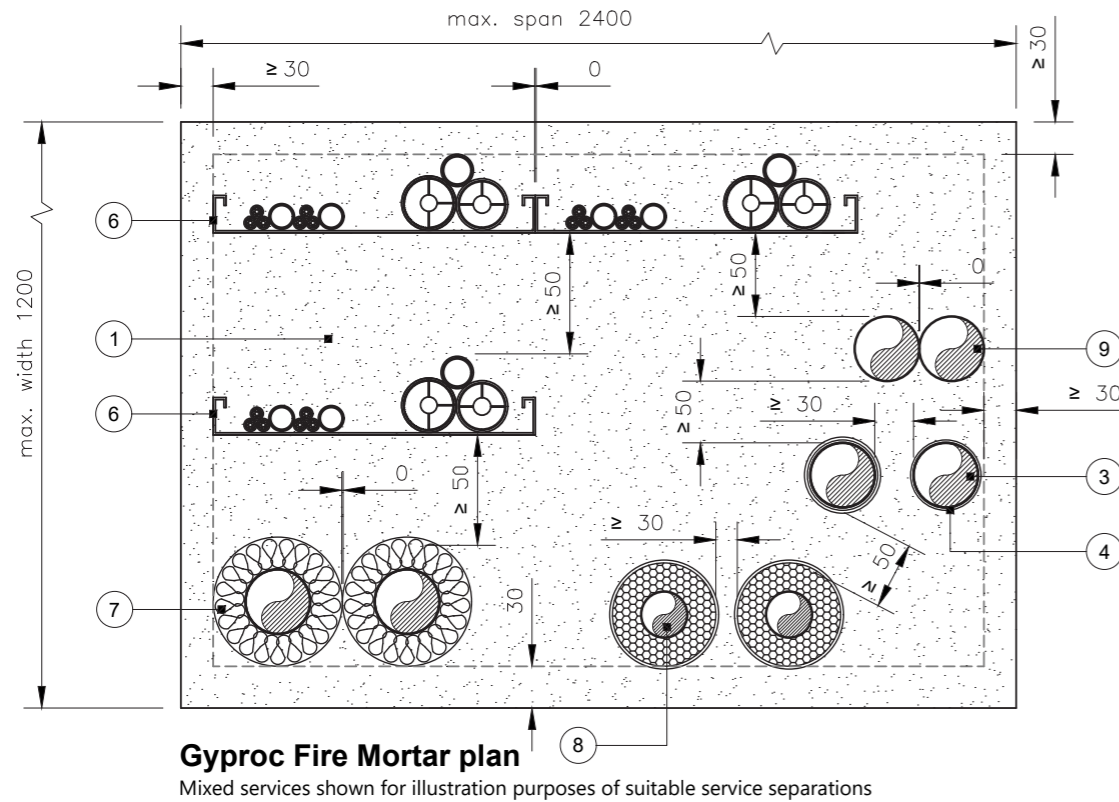
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-203

Revision: -

Detail 87 – 150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
PE, ABS, SAN+PVC and PE-x pipes - Min.150 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 150mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Combustible pipe supported maximum 450mm from top of slab
- 4 Gyproc Pipe Wrap refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets
- 7 Metallic pipes with stone mineral wool insulation
- 8 Combustible pipes / combustible insulation with Gyproc Pipe Wrap
- 9 Un-insulated metallic pipes

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

- 30mm to aperture edge
- 30mm between similar services (Cluster or Linear arrangement)
- 50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
PE, ABS, SAN+PVC & PE-x	40	2.4 - 3.7	150	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	EI 240 U/U
	110	3.9 - 10	150		75 x 5.4 (3 layers)	EI 240 U/U
	160	4.9 - 14.6	150		75 x 7.2 (4 layers)	EI 120 U/U
	161	4.9 - 14.6	150		75 x 10.8 (6 layers)	EI 120 C/C
	200	6.2 - 18.2	150		75 x 10.8 (6 layers)	EI 120 C/C
	161	4.9 - 14.6	150		75 x 18 (10 layers)	EI 60 C/C
	315	9.7 - 18.7	150		75 x 18 (10 layers)	EI 60 C/C

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below

If specific pipe size is not stated please refer to UKTA

Classification performances only valid for pipes complying with specific standards, please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

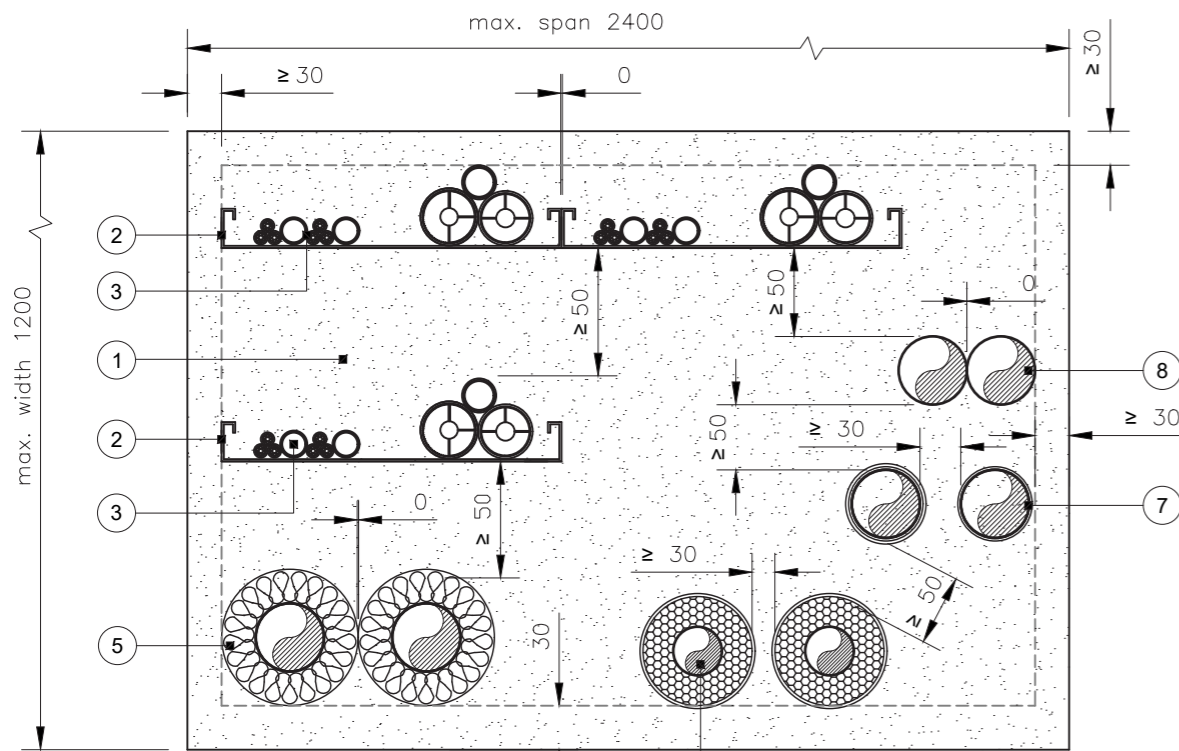
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-204

Revision: -

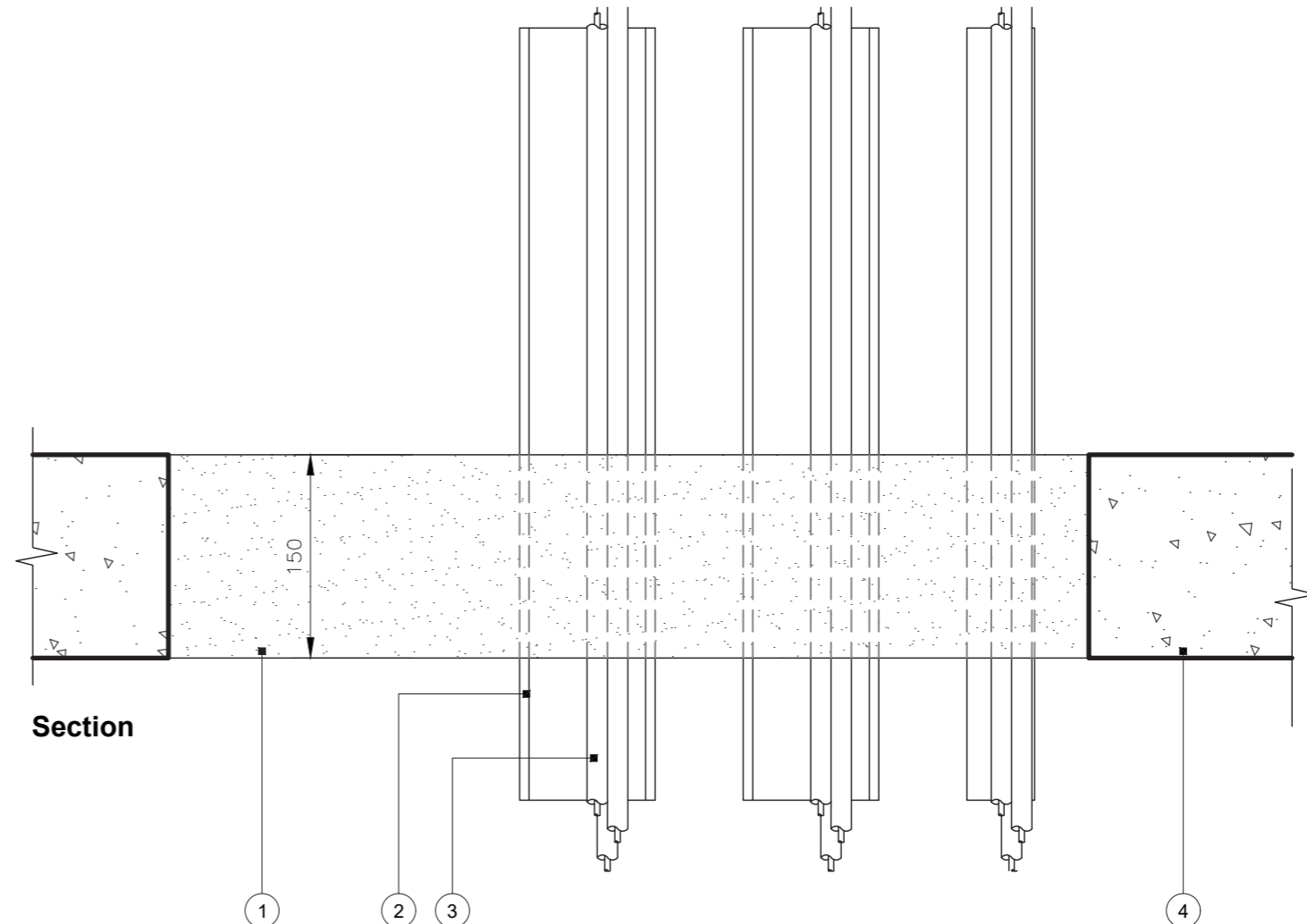
Detail 88 - 150 mm Gyproc Fire Mortar
Cables - Min. 150 mm rigid floor



Gyproc Fire Mortar plan

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 150mm
- 2 Cable carriers (ladders & trays) supported maximum 450mm from top of slab
- 3 Cables first service supported maximum 450mm from top of slab
- 4 Rigid floor with minimum thickness of 150mm and minimum density of 650 kg/m³
- 5 Metallic pipes with stone mineral wool insulation
- 6 Metallic pipes or combustible pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Combustible pipes with Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes



Section

- 1
- 2
- 3
- 4

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

30mm to aperture edge
0mm between cables along width of carrier
0mm between cable carriers (side by side)
50mm between cable / cable carrier (above/below)
50mm between different service types

Where cable carriers (e.g. trays, ladders, baskets) are discontinued on both sides of the penetration seal, the maximum distance from the penetration seal to the cable carriers are 150mm

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

PENETRATION SEAL

SERVICE TYPE	SERVICE SIZE (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	150	N/A	E 240, EI 120
	22-50	150	N/A	E 240, EI 90
	51-80	150	N/A	E 90, EI 60
Steel cable trays & ladders *	≤ 500	150	N/A	E 240, EI 120
Un-sheathed cables	≤ 24	150	N/A	EI 120

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

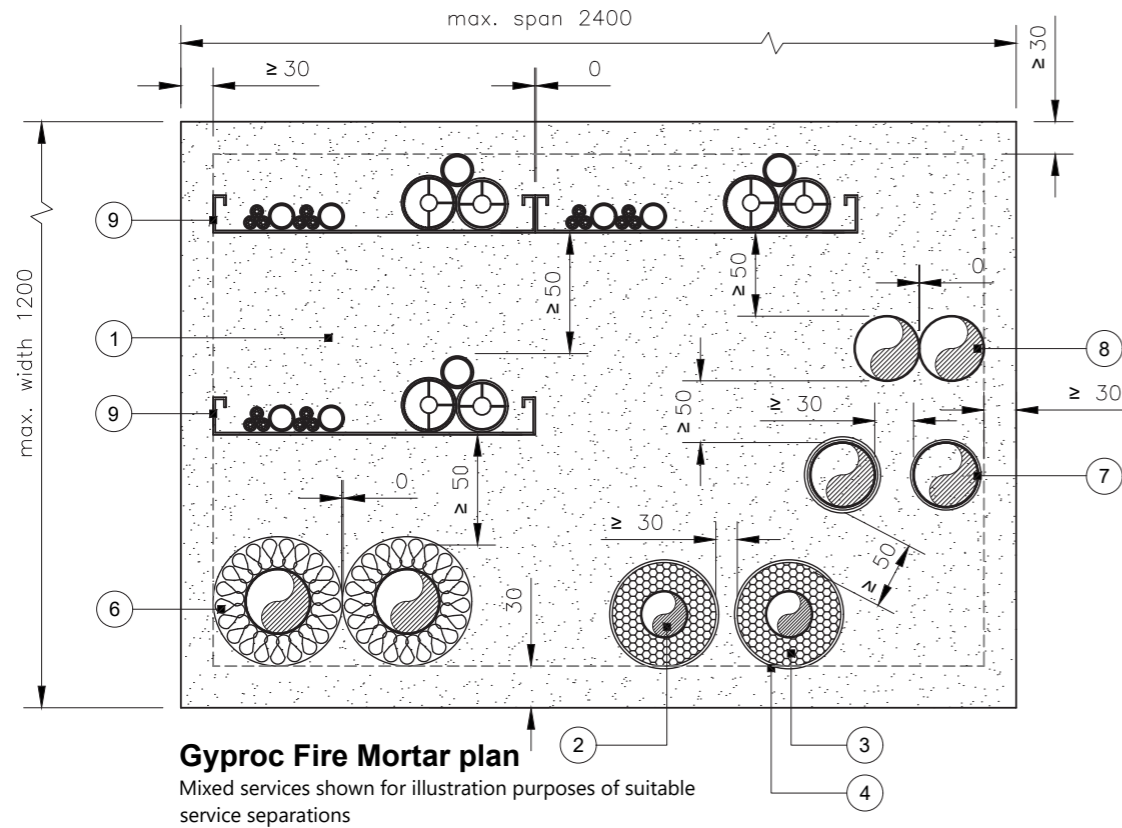
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-205

Revision: -

Detail 89 - 150 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Metallic pipes with combustible insulation - Min. 150 mm rigid floor



- 1 Gyproc Fire Mortar. Minimum thickness 150mm
- 2 Metallic pipe supported maximum 450mm from top of slab
- 3 Combustible insulation as a Continued Sustained (CS) length
- 4 Gyproc Pipe Wrap. Refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Metallic pipes with stone mineral wool insulation
- 7 Combustible pipes with Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes
- 9 Cables on trays, ladders and baskets

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

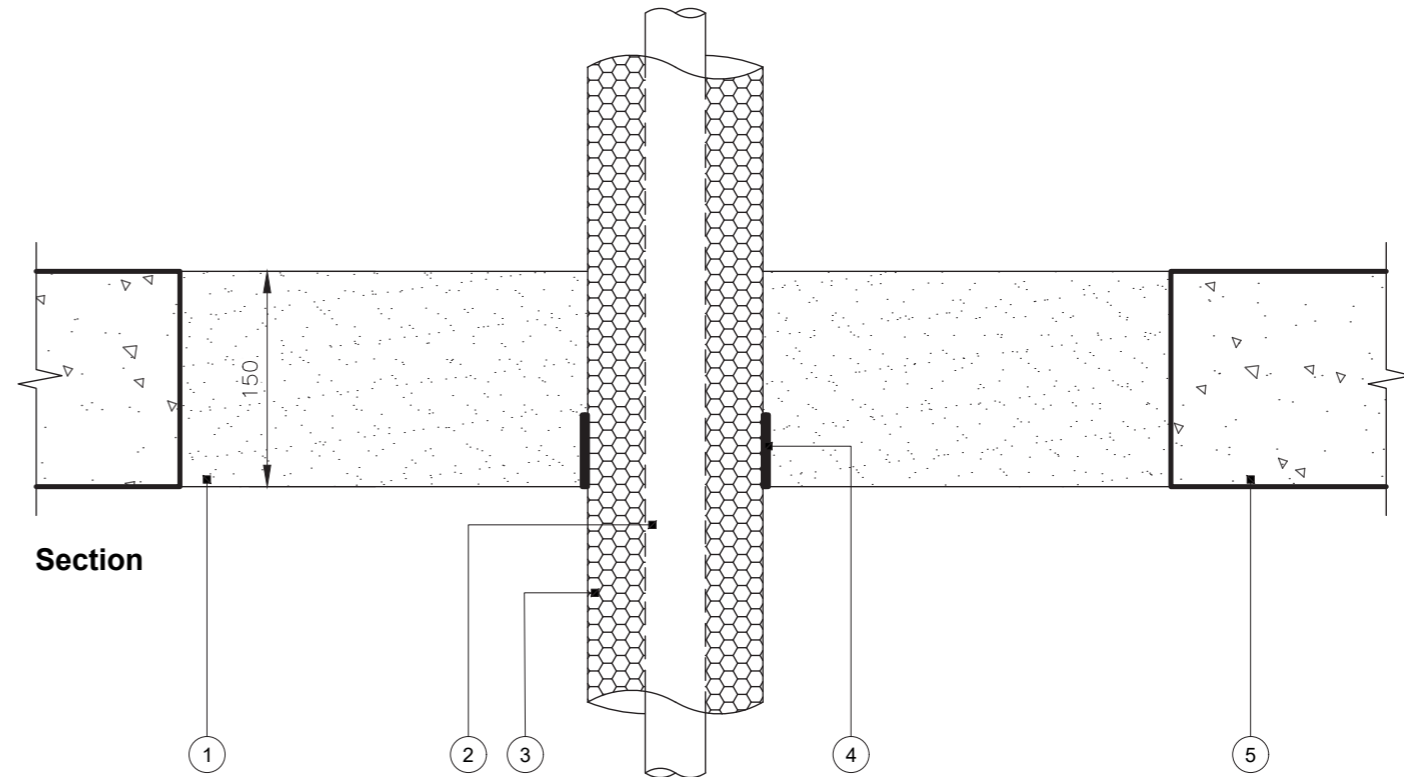
The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system



PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
Copper	12	1.0 - 6.0	150	PE foam insulation	9	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	EI 180 C/U
	76	1.5 - 14.2	150		9 - 30		50 x 2.6 (2 layers)	E 180, EI 60 C/U

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

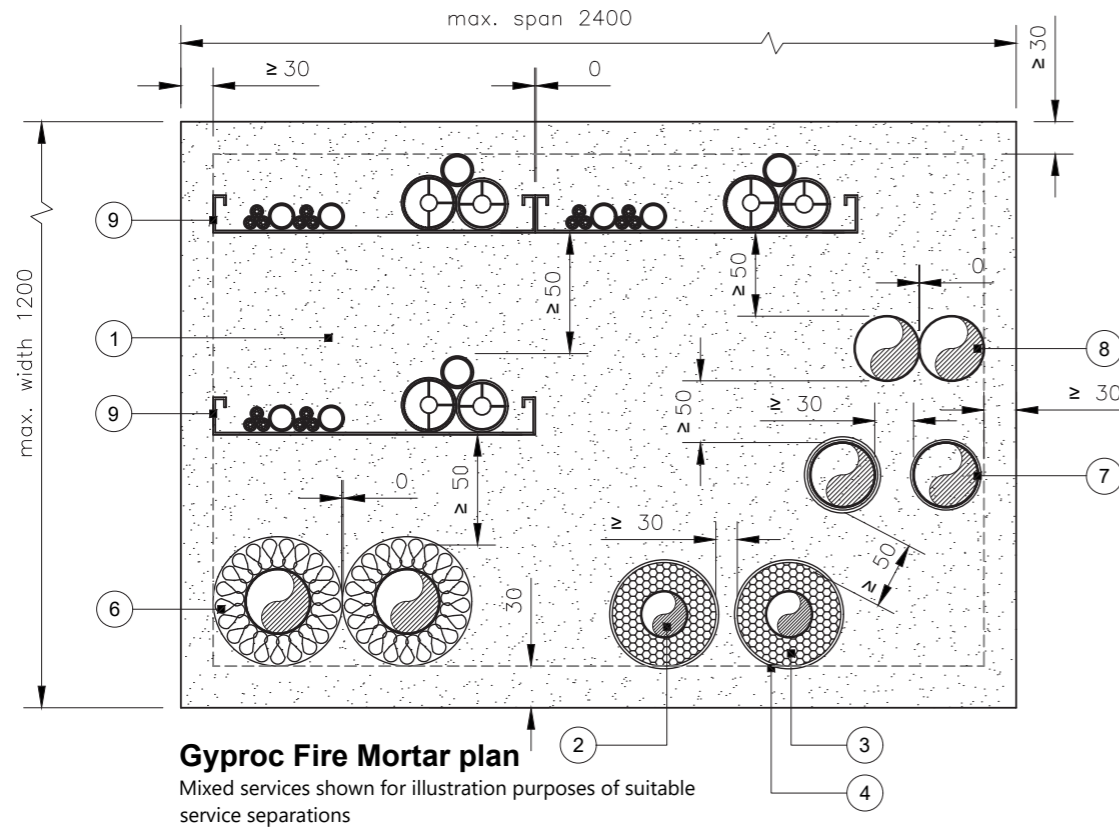
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-206

Revision: -

Detail 90 - 150 mm Gyproc Fire Mortar
Cable penetrations - 150 mm masonry wall



- 1 Gyproc Fire Mortar. Minimum thickness 150mm
- 2 Metallic pipe supported maximum 450mm from top of slab
- 3 Combustible insulation as a Continued Sustained (CS) length
- 4 Gyproc Pipe Wrap. Refer to table for wrap layers
- 5 Rigid floor with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Metallic pipes with stone mineral wool insulation
- 7 Combustible pipes with Gyproc Pipe Wrap
- 8 Un-insulated metallic pipes
- 9 Cables on trays, ladders and baskets

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm
Maximum reinforced seal size 2600mm x 3600mm

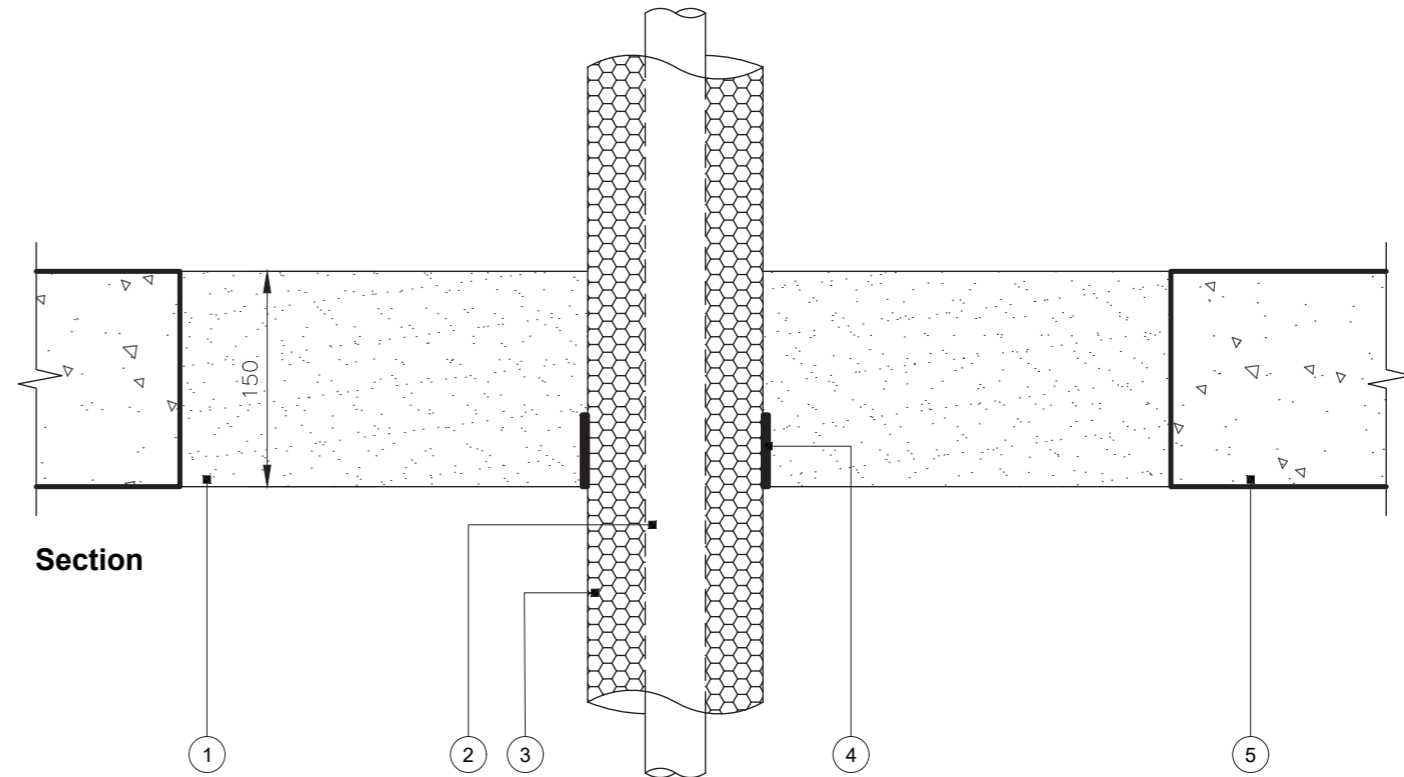
The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
30mm between similar services (Cluster or Linear arrangement)
50mm between different service types

Loading requirements of the Gyproc Fire Mortar scheme to be reviewed and assessed by the scheme structural engineer. Apertures receiving Gyproc Fire Mortar should be kept as small as possible. Gyproc Fire Mortar is intended to facilitate maintenance in non-public areas of the building only. Please also refer to guidance in ASFP Advisory Note 1

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system



PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
Copper	12	1.0 - 6.0	150	PE foam insulation	9	1 No. Gyproc Pipe Wrap fitted at base of mortar seal *	50 x 1.8 (1 layer)	EI 180 C/U
	76	1.5 - 14.2	150		9 - 30		50 x 2.6 (2 layers)	E 180, EI 60 C/U

* Where the Gyproc Fire Batt remains in situ ensure the wrap is exposed from below
If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

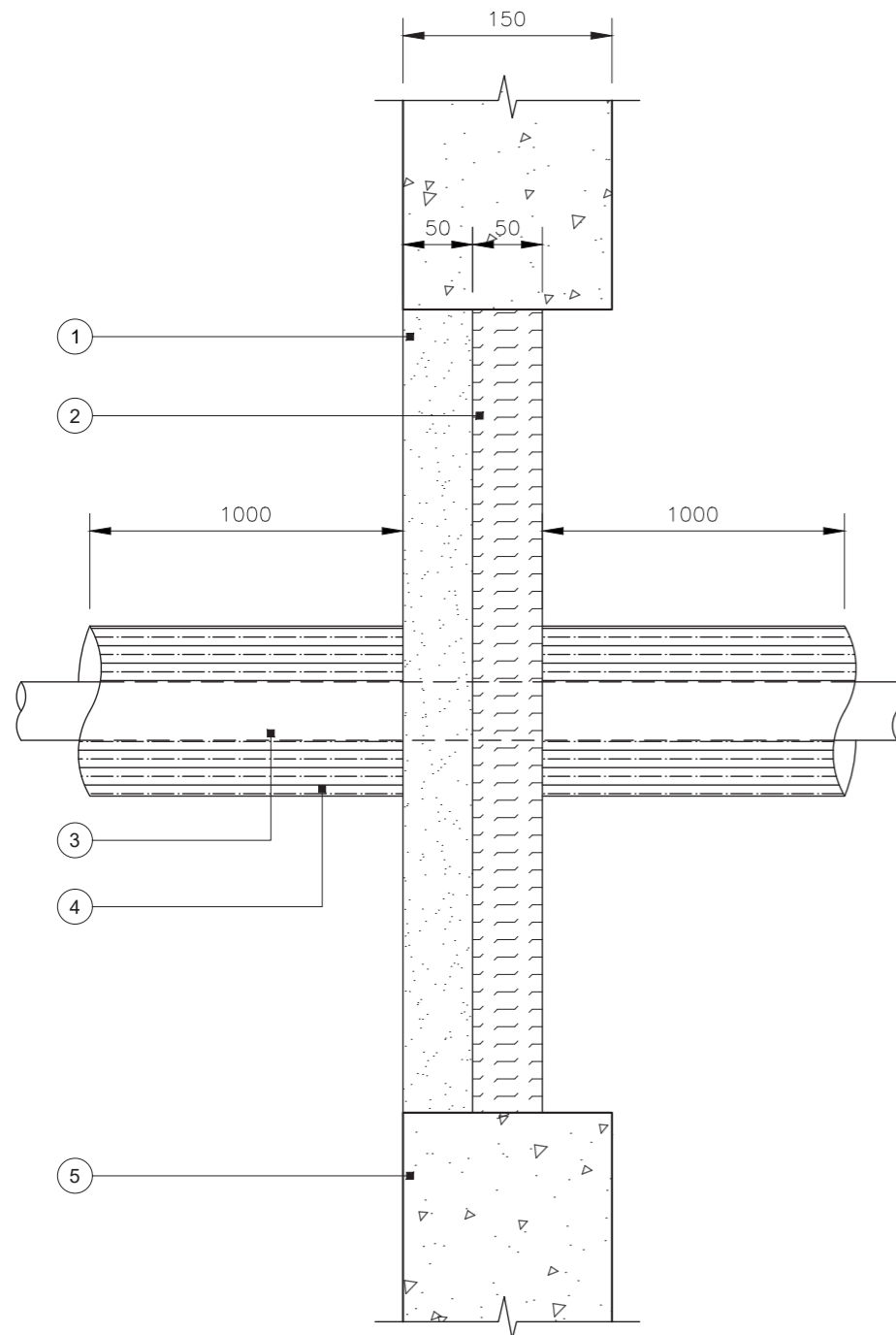
Approved: JMC / MKF

Dwg No.: CN-636-206

Revision: -

Detail 91 – 150 mm Gyproc Fire Mortar

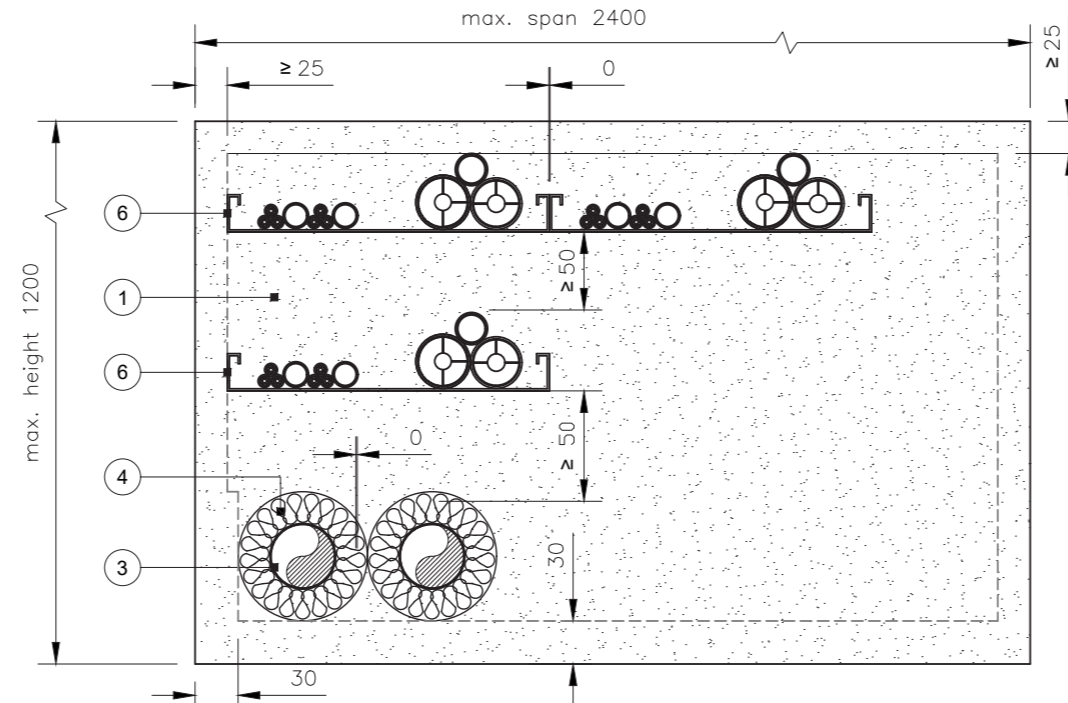
Metallic pipes with stone mineral wool insulation (Local interrupted -LI) 150 mm masonry wall



Section

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Local Interrupted - LI stone mineral wool pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along 1000mm length
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system



Gyproc Fire Mortar elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 50mm
- 2 50mm Gyproc Fire Batt as shuttering
- 3 Copper or steel pipe supported from both sides of structure at a maximum 270mm distance from surface
- 4 Stone mineral wool insulation as a Local Interrupted (LI) length of both sides of the seal
- 5 Rigid wall with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Cables on trays, ladders and baskets

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

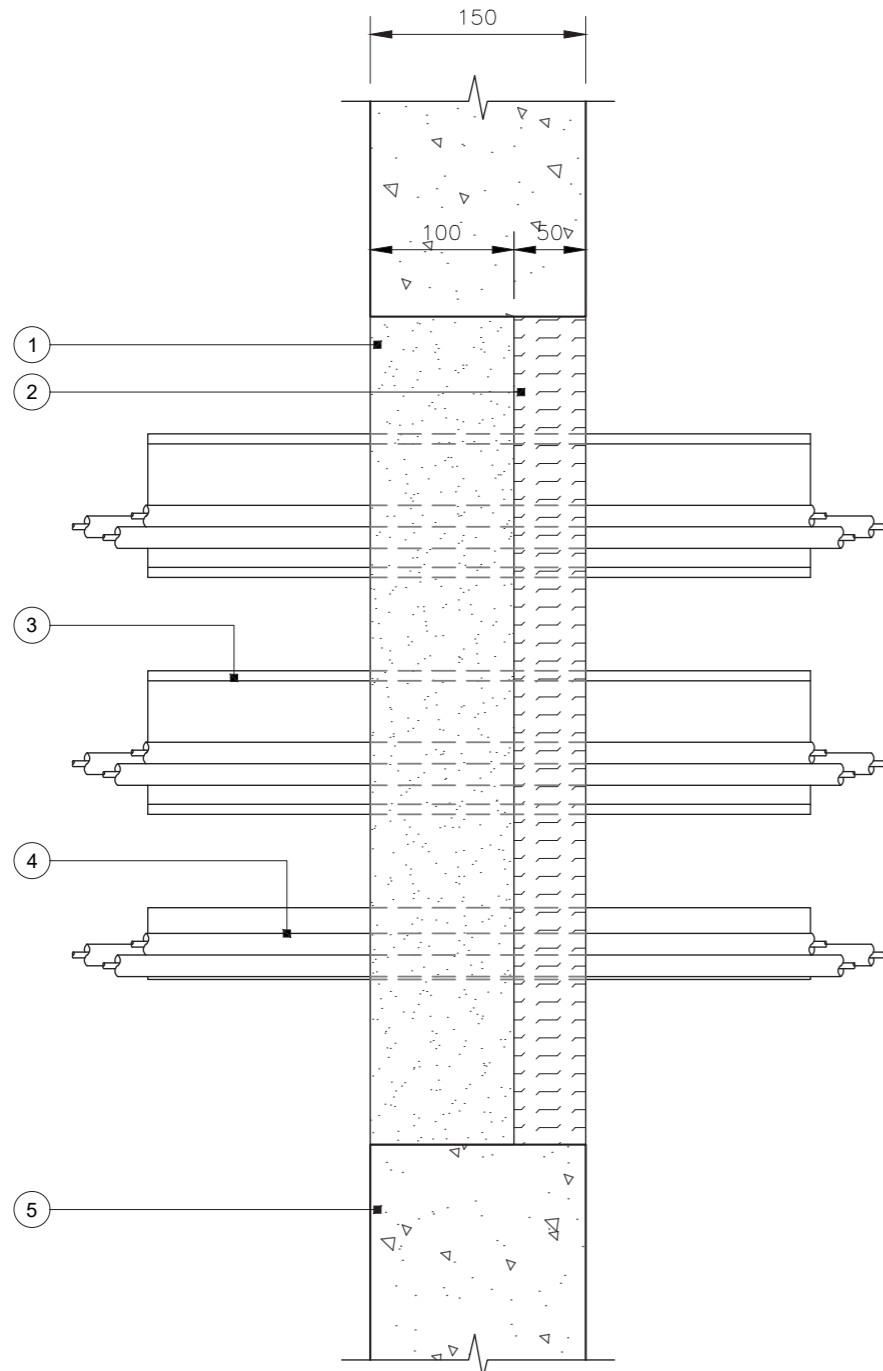
The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
30mm to aperture edge
0mm between similar services (Cluster or Linear arrangement)
50mm between different service types

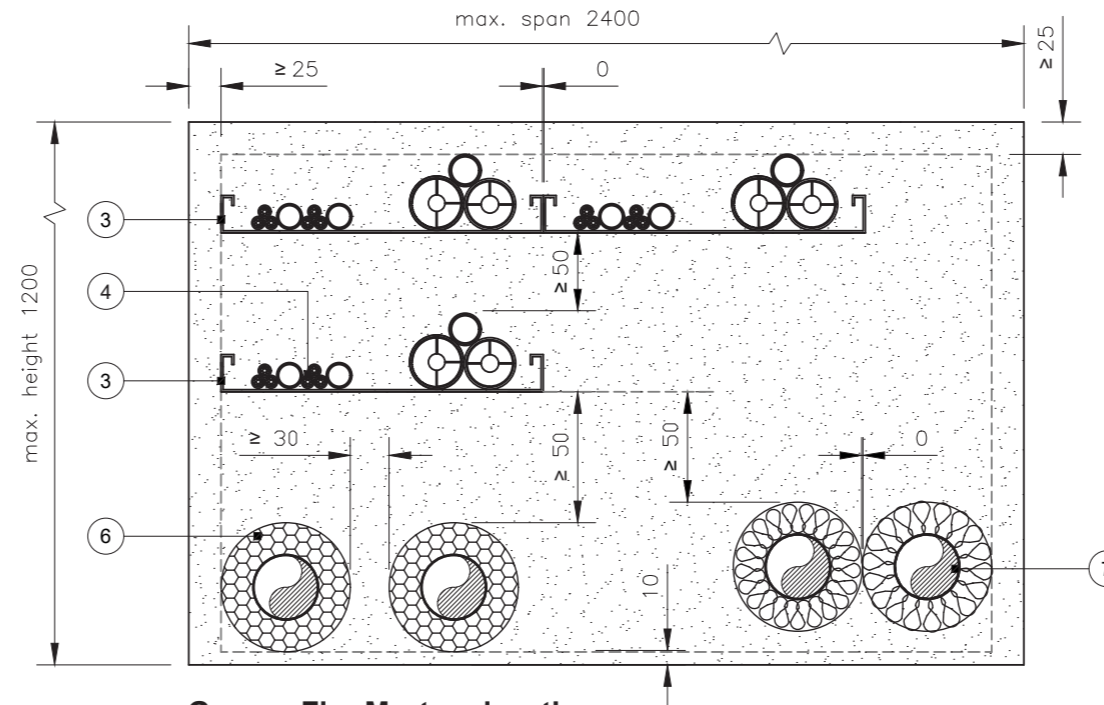
PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (LI OR CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.5 - 14.2	50 #	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 240 C/U
	40	1.5 - 14.2	50		≥ 30	E 120, EI 90 C/U
	50	1.7 - 14.2	50		≥ 30	E 120, EI 90 C/U
	60	1.9 - 14.2	50		≥ 30	E 120, EI 90 C/U
	75	2.2 - 14.2	50		≥ 30	E 120, EI 90 C/U
	90	2.5 - 14.2	50		≥ 30	E 120, EI 90 C/U
	100	2.7 - 14.2	50		≥ 30	E 120, EI 90 C/U
	115	3.0 - 14.2	50		≥ 30	E 120, EI 90 C/U
	140	3.5 - 14.2	50		≥ 30	E 120, EI 90 C/U
	165	3.9 - 14.2	50		≥ 30	E 120, EI 90 C/U
	180	4.2 - 14.2	50		≥ 30	E 120, EI 90 C/U
	200	4.6 - 14.2	50		≥ 30	E 120, EI 90 C/U
	219	5.0 - 14.2	50		≥ 30	E 120, EI 90 C/U
Copper	≤ 28	1.0 - 14.2	50 Δ	≥ 20	E 240, EI 120 C/C	
	≤ 54	1.2 - 14.2	50 Δ	≥ 20	E 240, EI 120 C/C	
Copper	≤ 28	1.0 - 14.2	50	≥ 20	E 180, EI 120 C/C	
	≤ 54	1.2 - 14.2	50	≥ 20	E 180, EI 120 C/C	

* If specific pipe size is not stated please refer to UKTA
Maximum aperture size 100mm x 100mm
Δ Maximum aperture size 115mm x 115mm

Title: Construction detail
Scale at A3: 1:5
Date: March 2026
Dwg No.: CN-636-302
Drawn: CT
Approved: JMC / MKF
Revision: -



Section



Gyproc Fire Mortar elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering
- 3 Cables on trays, ladders and baskets supported from both sides of structure at a maximum 270mm distance from surface
- 4 Cables supported from both sides of structure at a maximum 270mm distance from surface
- 5 Rigid wall with minimum thickness of 150mm and minimum density of 650kg/m³
- 6 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Metallic pipes with stone mineral wool insulation

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:

- 25mm to aperture edge
- 0mm between cables along width of carrier
- 0mm between cable carriers (side by side)
- 50mm between cable / cable carrier (above/below)
- 50mm between different service types

Where cable carriers (e.g. trays, ladders, baskets) are discontinued on both sides of the penetration seal, the maximum distance from the penetration seal to the cable carriers are 150mm

PENETRATION SEAL				
SERVICE TYPE	SERVICE SIZE (mm)	MORTAR THICKNESS (mm)	SERVICE TREATMENT	CLASSIFICATION
Single cables	≤ 21	100	N/A	E 240, EI 60
	22 - 50	100	N/A	E 240, EI 60
	51 - 80	100	N/A	E 240, EI 60
Cable bundles (small cables ≤ 21mm)	≤ 100	100	N/A	EI 120
Steel cable trays & ladders *	≤ 500	100	N/A	E 120, EI 60
Un-sheathed cables	≤ 24	100	N/A	E 120, EI 60
Copper conduit	≤ 16	100	N/A	E 180, EI 30 C/U
Steel conduit	≤ 16	100	N/A	E 180, EI 60 C/U
PVC conduit	≤ 16	100	N/A	EI 240 C/U

* Cables and carriers are limited by the component with the lowest classification

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

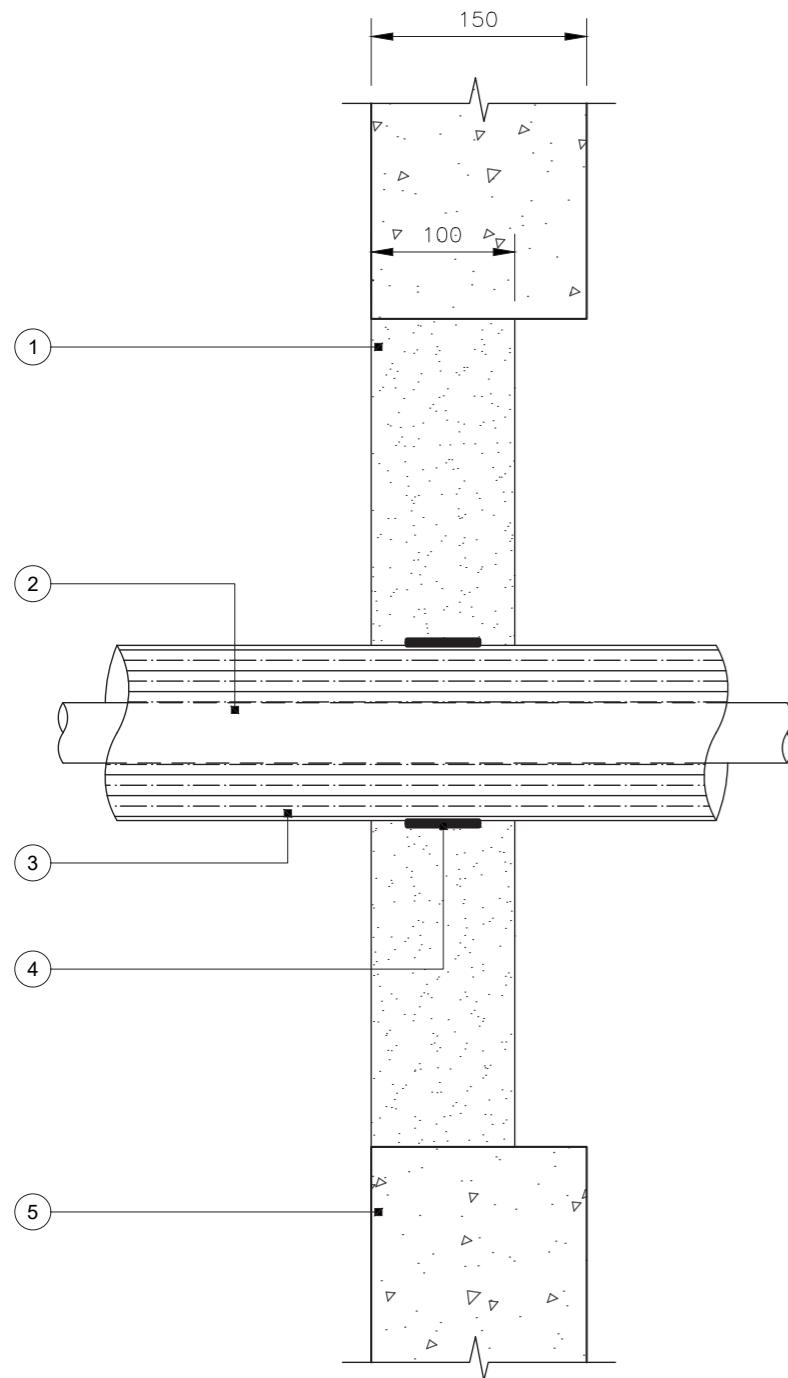
Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-401

Revision: -

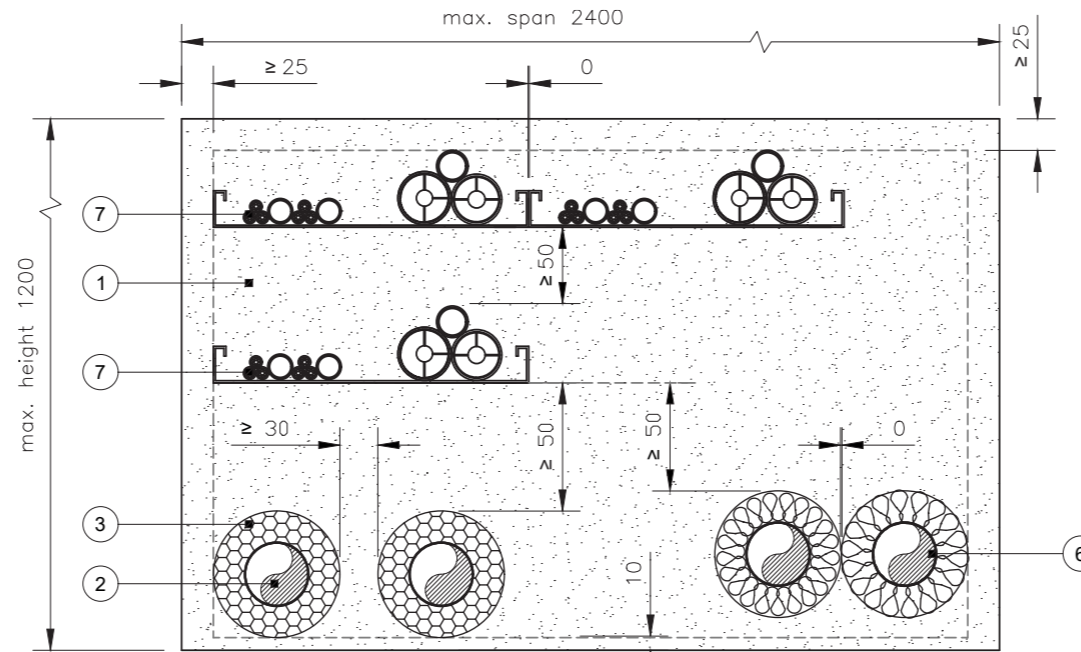
Detail 93 - 100 mm Gyproc Fire Mortar / Gyproc Pipe Wrap
Metallic pipes with combustible insulation (Continued Sustained - CS) 150 mm masonry wall



Section

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a temporary or permanent Gyproc Fire Batt to achieve the required thickness of mortar
- For further guidance refer to the Gyproc Fire Mortar installation guide



Gyproc Fire Mortar elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 Copper or steel pipe supported from both sides of structure at a maximum 270mm distance from surface
- 3 Combustible insulation as a Continued Sustained (CS) length
- 4 Gyproc Pipe Wrap. Refer to table for wrap layers
- 5 Rigid wall with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Metallic pipes with stone mineral wool insulation
- 7 Cable trays, ladders and baskets and cables

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
10mm to aperture edge
30mm between similar services
50mm between different service types

PENETRATION SEAL								
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (CS)	INSULATION THICKNESS (mm)	SERVICE TREATMENT	SIZE (mm)	CLASSIFICATION
Steel	40	1.5 - 14.2	100	Elastomeric insulation minimum class B-s3,d0	13	1 No. Gyproc Pipe Wrap fitted centrally to mortar seal	50 x 3.6 (2 layers)	EI 240 C/U
	165	4.5 - 14.2	100		9			E 240, EI 30 C/U
Steel	40	1.5 - 14.2	100		13 - 19		50 x 1.8 (1 layer)	E 240, EI 60 C/U
	50	1.6 - 14.2	100		13 - 19			E 240, EI 60 C/U
	60	1.7 - 14.2	100		13 - 19			E 240, EI 60 C/U
	75	1.9 - 14.2	100		13 - 19			E 240, EI 60 C/U
	90	2.0 - 14.2	100		13 - 19			E 240, EI 60 C/U
	100	2.1 - 14.2	100		13 - 19			E 240, EI 60 C/U
	115	2.3 - 14.2	100		13 - 19			E 240, EI 60 C/U
	140	2.6 - 14.2	100		13 - 19			E 240, EI 60 C/U
Steel	40	1.5 - 14.2	100		13 - 25		50 x 3.6 (2 layers)	E 180, EI 60 C/U
	50	1.8 - 14.2	100		13 - 25			E 180, EI 60 C/U
	60	2.0 - 14.2	100		13 - 25			E 180, EI 60 C/U
	75	2.3 - 14.2	100		13 - 25			E 180, EI 60 C/U
	90	2.7 - 14.2	100		13 - 25			E 180, EI 60 C/U
	100	2.9 - 14.2	100		13 - 25			E 180, EI 60 C/U
	115	3.3 - 14.2	100	13 - 25	E 180, EI 60 C/U			
	140	3.9 - 14.2	100	13 - 25	E 180, EI 60 C/U			
	165	4.5 - 14.2	100	13 - 25	E 180, EI 60 C/U			

* If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Date: March 2026

Dwg No.: CN-636-402

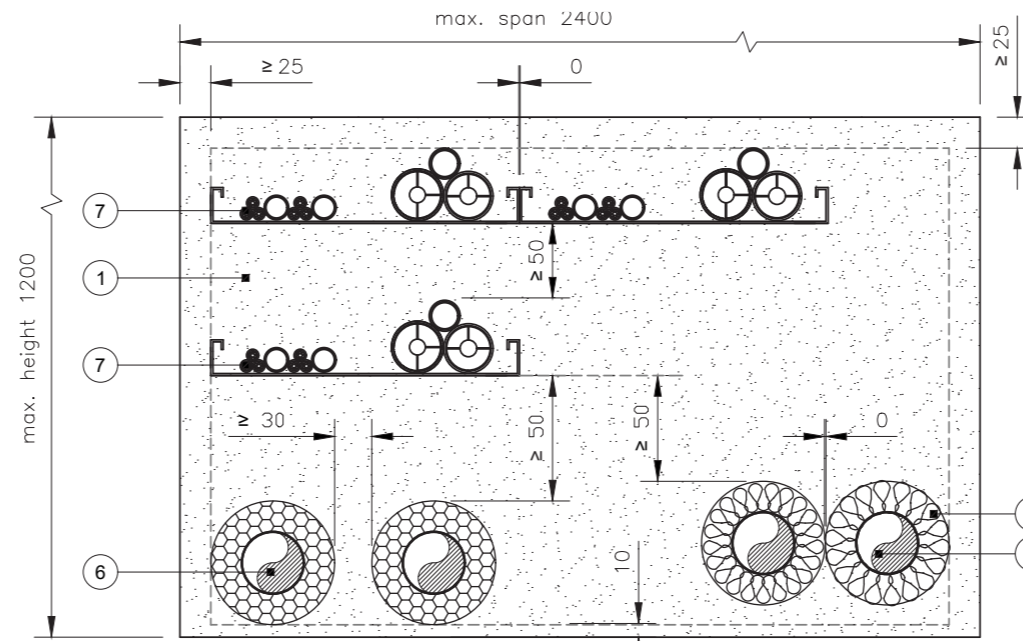
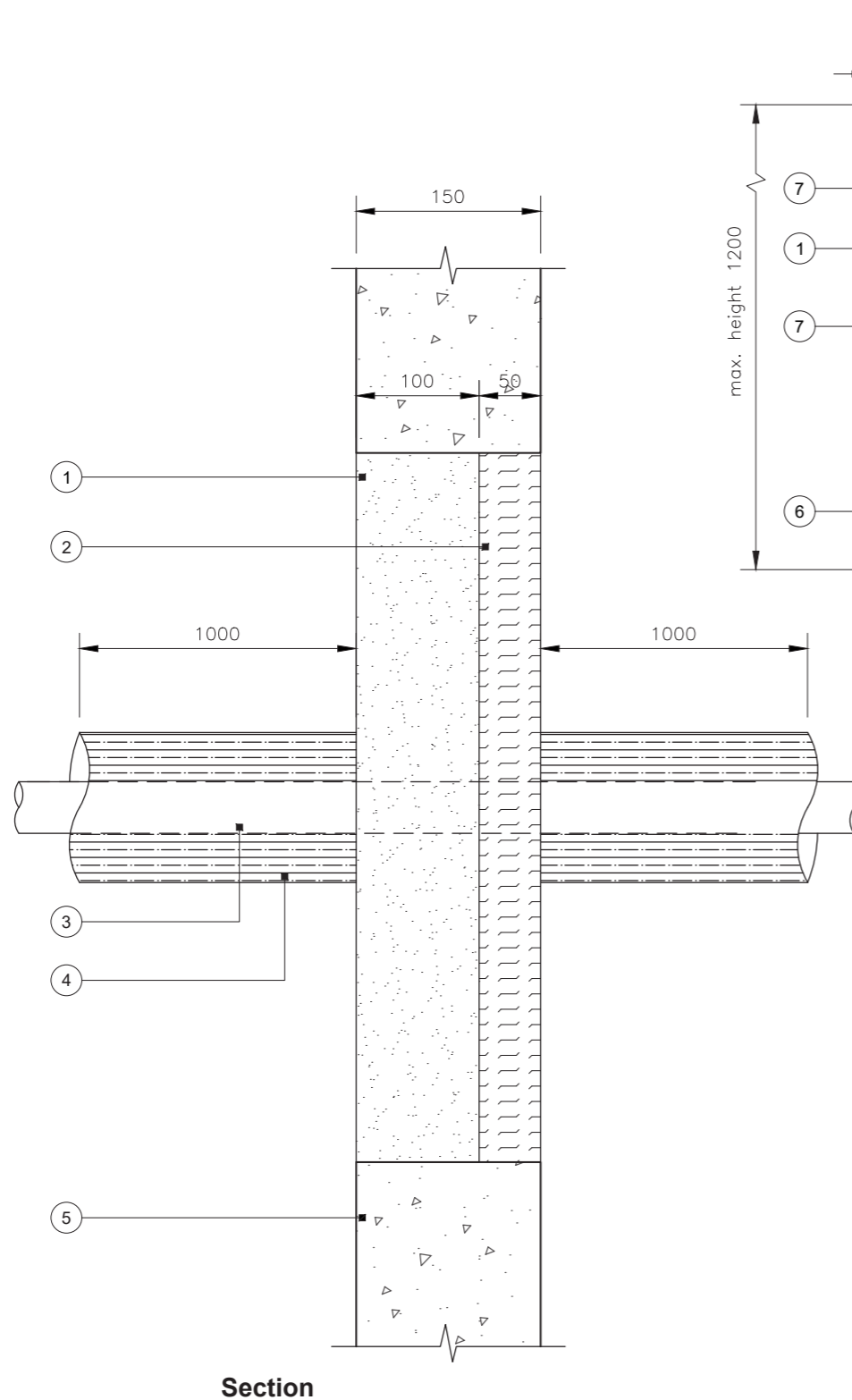
Drawn: CT

Approved: JMC / MKF

Revision: -

Detail 94 - 100 mm Gyproc Fire Mortar

Metallic pipes with stone mineral wool insulation (Local Interrupted - LI) 150 mm masonry wall



Gyproc Fire Mortar elevation

Mixed services shown for illustration purposes of suitable service separations

- 1 Gyproc Fire Mortar. Minimum thickness 100mm
- 2 50mm Gyproc Fire Batt as shuttering (shuttering can be removed)
- 3 Steel pipe supported from both sides of structure at a maximum 270mm distance from surface
- 4 Stone mineral wool insulation as a Local Interrupted (LI) length of both sides of the seal
- 5 Supporting substrate with minimum thickness of 150mm and minimum density of 650 kg/m³
- 6 Metallic pipes with combustible insulation and Gyproc Pipe Wrap
- 7 Cables on trays, ladders and baskets

Installation guidance

- Ensure the faces of the aperture opening are free of dust and any other contaminants
- Install a permanent Gyproc Fire Batt to achieve the required thickness of mortar
- Local Interrupted - LI stone mineral wool pipe insulation secured either side of seal with 2 No. wire ties at 250mm centers along 1000mm length
- For further guidance refer to the Gyproc Fire Mortar installation guide
- Any bare metal in contact with the mortar must be protected against corrosion using a suitable primer/protection system

Important information

UKTA Reference 0843-UKTA-25/0027

Maximum un-reinforced seal size 2400mm x 1200mm

The supporting substrate must have a proven fire resistance performance which is at least equal to the seal

Service Separation:
 25mm to aperture edge
 0mm between similar services (Cluster or Linear arrangement)
 50mm between different service types

PENETRATION SEAL						
SERVICE TYPE	SERVICE SIZE (Ømm)	SERVICE WALL THICKNESS (mm)	MORTAR THICKNESS (mm)	INSULATION TYPE (LI OR CI)	INSULATION THICKNESS (mm)	CLASSIFICATION
Steel	40	1.5 - 14.2	100	Min. 1000mm length of stone mineral wool insulation min. 80kg/m ³ on each side of the seal	≥ 20	EI 240 C/U
	40	1.5 - 14.2	100		≥ 30	E 240, EI 120 C/U
	50	1.7 - 14.2	100		≥ 30	E 240, EI 120 C/U
	60	1.9 - 14.2	100		≥ 30	E 240, EI 120 C/U
	75	2.2 - 14.2	100		≥ 30	E 240, EI 120 C/U
	90	2.5 - 14.2	100		≥ 30	E 240, EI 120 C/U
	100	2.7 - 14.2	100		≥ 30	E 240, EI 120 C/U
	115	3.0 - 14.2	100		≥ 30	E 240, EI 120 C/U
	140	3.5 - 14.2	100		≥ 30	E 240, EI 120 C/U
	165	3.9 - 14.2	100		≥ 30	E 240, EI 120 C/U
	180	4.2 - 14.2	100		≥ 30	E 240, EI 120 C/U
	200	4.6 - 14.2	100		≥ 30	E 240, EI 120 C/U
	219	5.0 - 14.2	100		≥ 30	E 240, EI 120 C/U

If specific pipe size is not stated please refer to UKTA

Title: Construction detail

Scale at A3: 1:5

Drawn: CT

Date: March 2026

Approved: JMC / MKF

Dwg No.: CN-636-403

Revision: -

Alupex pipe

General term for MLC pipe. Multi-layered with thermoplastic materials with one or more metal layer. (e.g. PE-x / Al / PE-x)

Annular gap

The distance between the service and aperture edge of a penetration.

Aperture seal

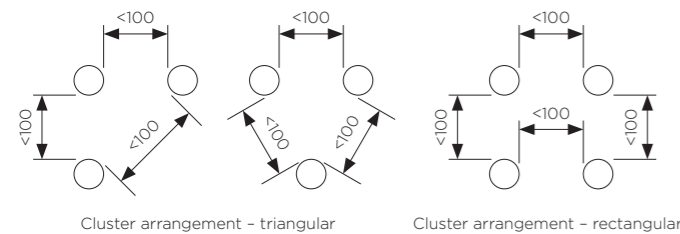
Seal applied within a formed aperture in the supporting construction.

ASFP

Association for Specialist Fire Protection.

Cluster arrangement

An arrangement of three or more penetrating services in a triangular or square arrangement with a separation distance of less than 100 mm.



Cored / direct penetration

A cored service penetration refers to a small opening created in a compartment wall or floor to accommodate services such as pipes or cables where the annular gap requires sealing with an appropriate firestopping product.

DIAP

Direct field of application. Rules within the relevant test standard that allow permitted variations.

EXAP

Extended field of application. Published rules that allow permitted variations that extend beyond the direct field of application (DIAP).

FoA

Field of application. Defines where and how the product can be used based upon test evidence (DIAP) and any permitted extensions (EXAP).

Insulation performance

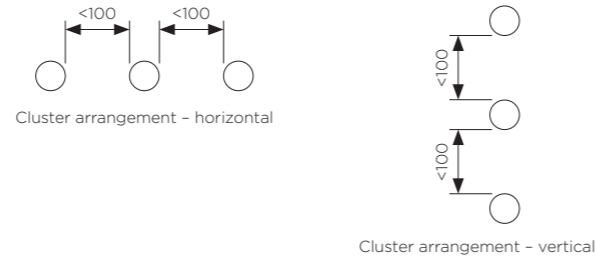
The ability of a fire-rated barrier to limit heat transmission, ensuring the non-fire side does not reach temperatures that could ignite adjacent materials.

Integrity performance

The ability of a fire-rated barrier to prevent the passage of flames and hot gases from the fire-exposed side to the non-fire side.

Linear arrangement

An arrangement of two or more penetrating services in a line vertically or horizontally with a separation distance of less than 100 mm.



Mixed penetration seal

A penetration seal with one or more service type (cables and pipes of different materials).

MLC pipe

Multi-layer composite pipe - see Alupex pipe.

Patress/Face fix

Where the Gyproc fire batt is mechanically fixed to both sides of the finished face of the supporting construction.

Penetration seal

A system used to maintain the fire resistance of a separating element where one or more services pass through.

Pipe end configuration

The capping arrangement of the pipe ends when tested:

		Tested			
		U/U	C/U	U/C	C/C
Covered	U/U	Y	N	N	N
	C/U	Y	Y	Y	N
	U/C	Y	N	Y	N
	C/C	Y	Y	Y	Y

Y = acceptable, N = not acceptable



Note:

U/U - Uncapped both sides.
C/U - Inside capped, outside uncapped.
U/C - Inside uncapped, outside capped.
C/C - Capped both sides.

Pipe insulation

Continued Sustained (CS) - Insulation which is continuous through the seal and maintained along the length of the service.

Local Sustained (LS) - Insulation which is locally applied through the seal and maintained for a specified distance on both sides of the seal.

Continued Interrupted (CI) - Insulation which is interrupted by the seal that is continuous along the length of the service on both sides of the seal.

Local Interrupted (LI) - Insulation which is interrupted by the seal that is locally applied for a specified distance on both sides of the seal.

Service support distance

Maximum permitted distance from supporting substrate to first support.

UKTA

United Kingdom Technical Assessment. A third party document which summarises a products performance and allows for UKCA marking.

Standards referenced

- BS EN 1366-3: Fire resistance tests for service installations, penetration seals.
- BS EN 1366-4: Fire resistance tests for service installations - Linear joint seals
- BS EN 13501-1: Fire classification of construction products and building elements - Classification using data from reaction to fire tests.
- BS EN 13501-2: Fire classification of construction products and building elements - Classification using data from fire resistance and/or smoke control tests.
- EAD 350454-00-1104: European Assessment Document Fire stopping and fire sealing products. Penetration seals.

Revisions

DATE	CHANGES
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