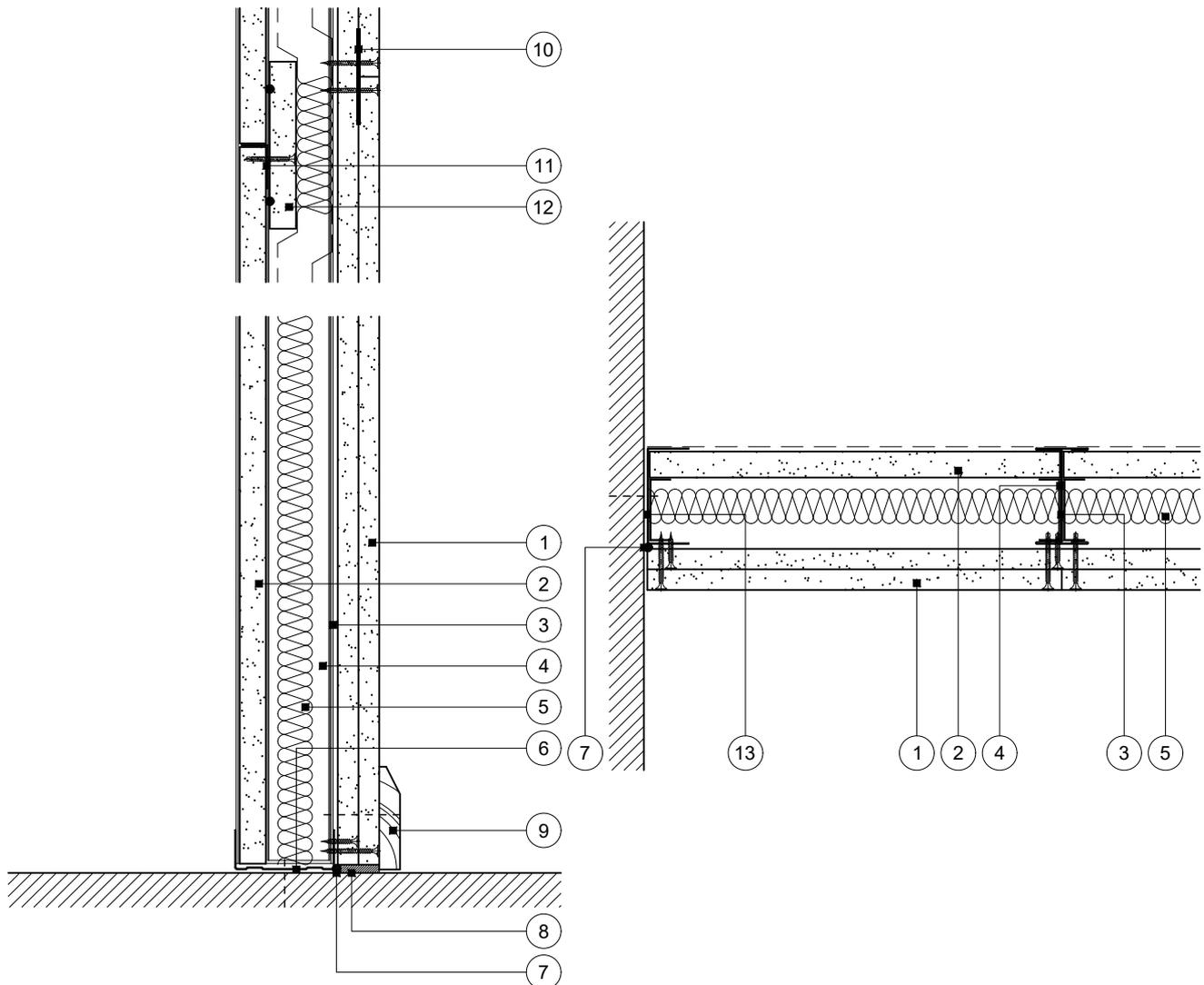


# Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

## GypWall Shaft

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Gypframe Channel suitably fixed to floor at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Gypframe Deep Channel used for heights between 4200mm and 8000mm
- 7 Gyproc Sealant for optimum sound insulation
- 8 Gyproc jointing material bulk fill where gap exceeds 5mm
- 9 Indicative skirting
- 10 Gypframe GFS1 Fixing Strap progressively inserted between board layers to support outer layer horizontal board joints
- 11 Gypframe GA3 Steel Angle at horizontal joint and secured by retaining channel at each end
- 12 122mm high strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase bedded on two beads of Gyproc Sealant and fixed to angle with three suitable British Gypsum screws
- 13 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) suitably fixed to wall at 600mm centres (in two lines staggered by 300mm for 92mm and 146mm starter channels)



### Base and horizontal board joint

### Wall abutment

**Title:** GypWall Shaft  
'I' studs and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** October 2021  
**Dwg No.:** ST-129-Z2L2-01

**Drawn:** MRC  
**Approved:** DRM  
**Revision:**

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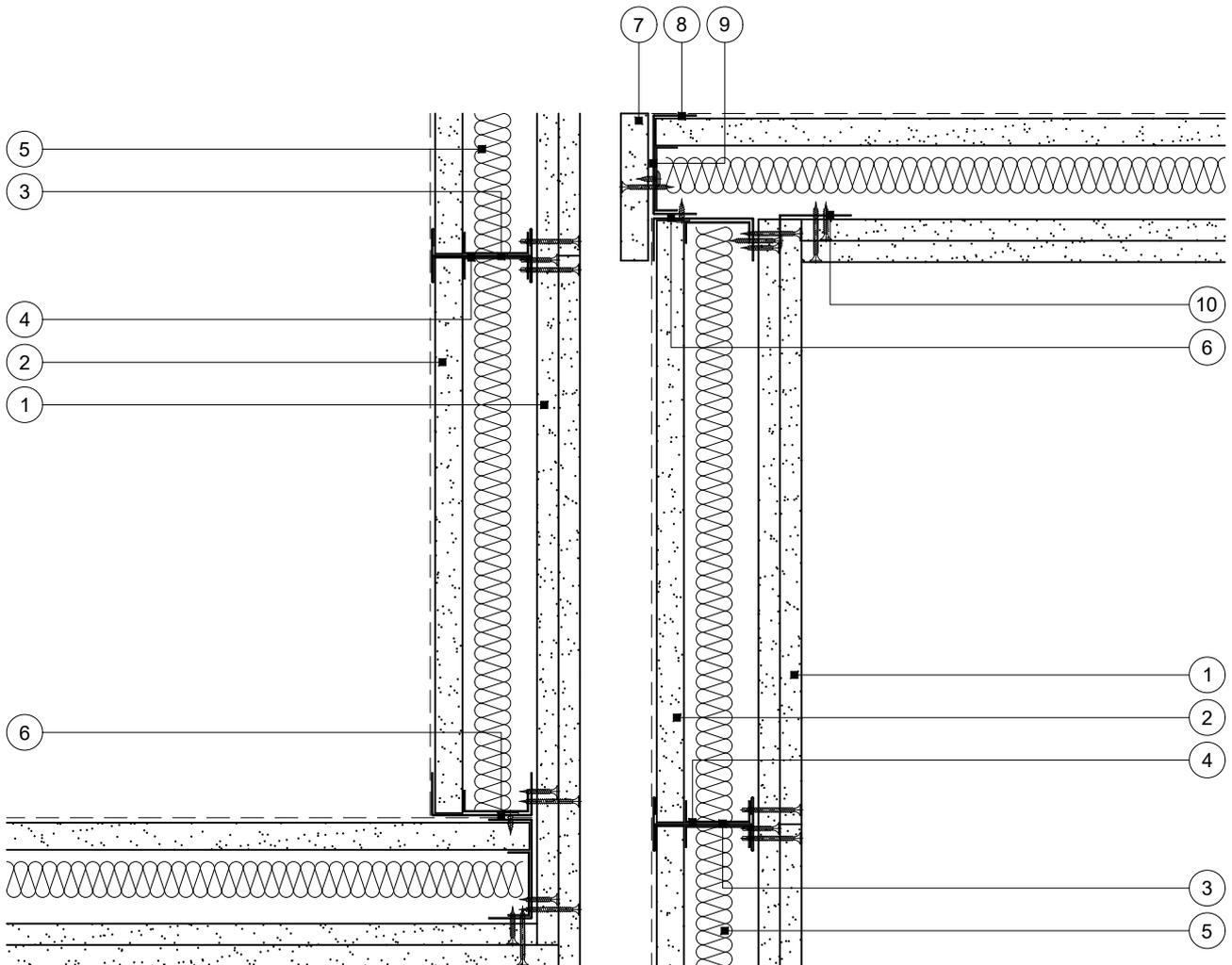
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# Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

## GypWall Shaft

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Gypframe Starter Channels (Tabbed Starter Channel for 146mm) fixed together with suitable British Gypsum wafer head screws at 600mm centres
- 7 92/102/124/178mm width (for 60/70/92/146mm studs) strip of 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase (full height minus deflection amount) pre-fixed to starter channel with suitable British Gypsum screws at 600mm centres
- 8 Starter channel crimped to floor channel to facilitate construction (ensure crimp folds outwards)
- 9 Nominal 590mm (290mm for 92mm stud) lengths of Gypframe Retaining Channel inserted between screws and fixed to starter channel with two suitable British Gypsum wafer head screws. Retaining channel continuous for 146mm stud
- 10 Gypframe GA4 Steel Angle fixed to starter channel with suitable British Gypsum screws at 600mm centres



### External corner

### Internal corner

**Title:** GypWall Shaft  
 'I' studs and two layers board  
 Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** October 2021  
**Dwg No.:** ST-129-Z2L2-02

**Drawn:** MRC  
**Approved:** DRM  
**Revision:**

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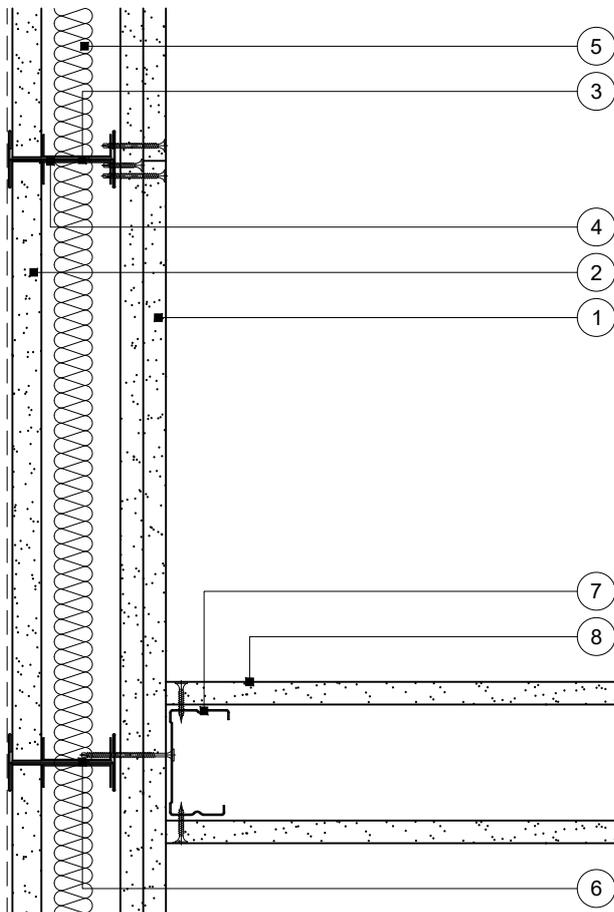
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# Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

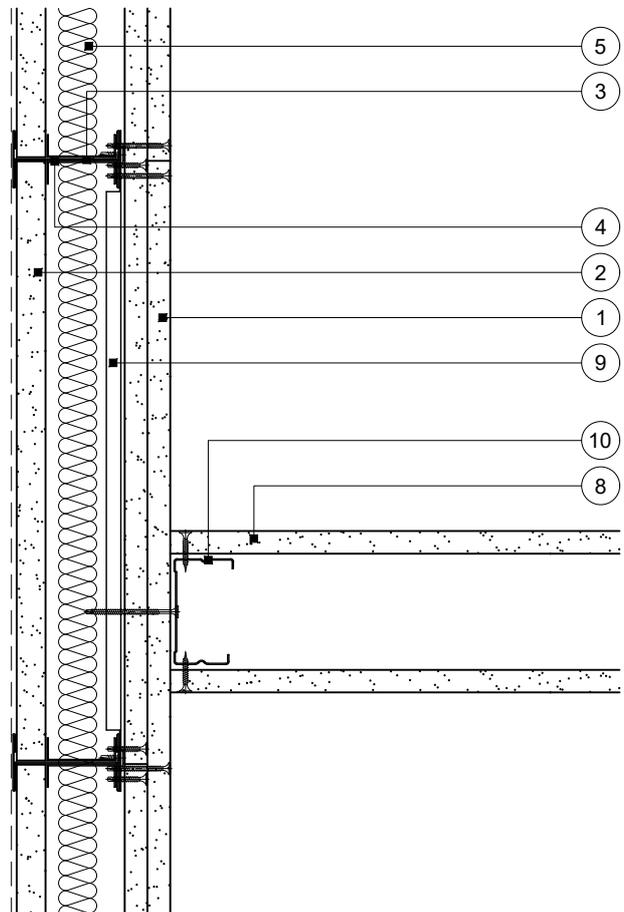
## GypWall Shaft

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Additional Gypframe 'I' stud (146mm tabbed 'I' stud) at junction (two for 92mm and 146mm studs in adjacent partition)
- 7 Gypframe 'C' stud fixed through board to stud(s) with suitable British Gypsum screws at 600mm centres (in two lines staggered by 300mm for 92mm and 146mm studs)
- 8 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 9 Horizontal Gypframe 99 FC 50 Fixing Channel at 600mm centres with ends snipped, flattened and fixed to stud with two suitable British Gypsum wafer head screws
- 10 Gypframe 'C' stud fixed through board to fixing channel with suitable British Gypsum screws at 600mm centres (in two lines for 92mm and 146mm studs)



### T-junction with other partition

On stud



### T-junction with other partition

Between studs

**Title:** GypWall Shaft  
'I' studs and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** October 2021  
**Dwg No.:** ST-129-Z2L2-03

**Drawn:** MRC  
**Approved:** DRM  
**Revision:**

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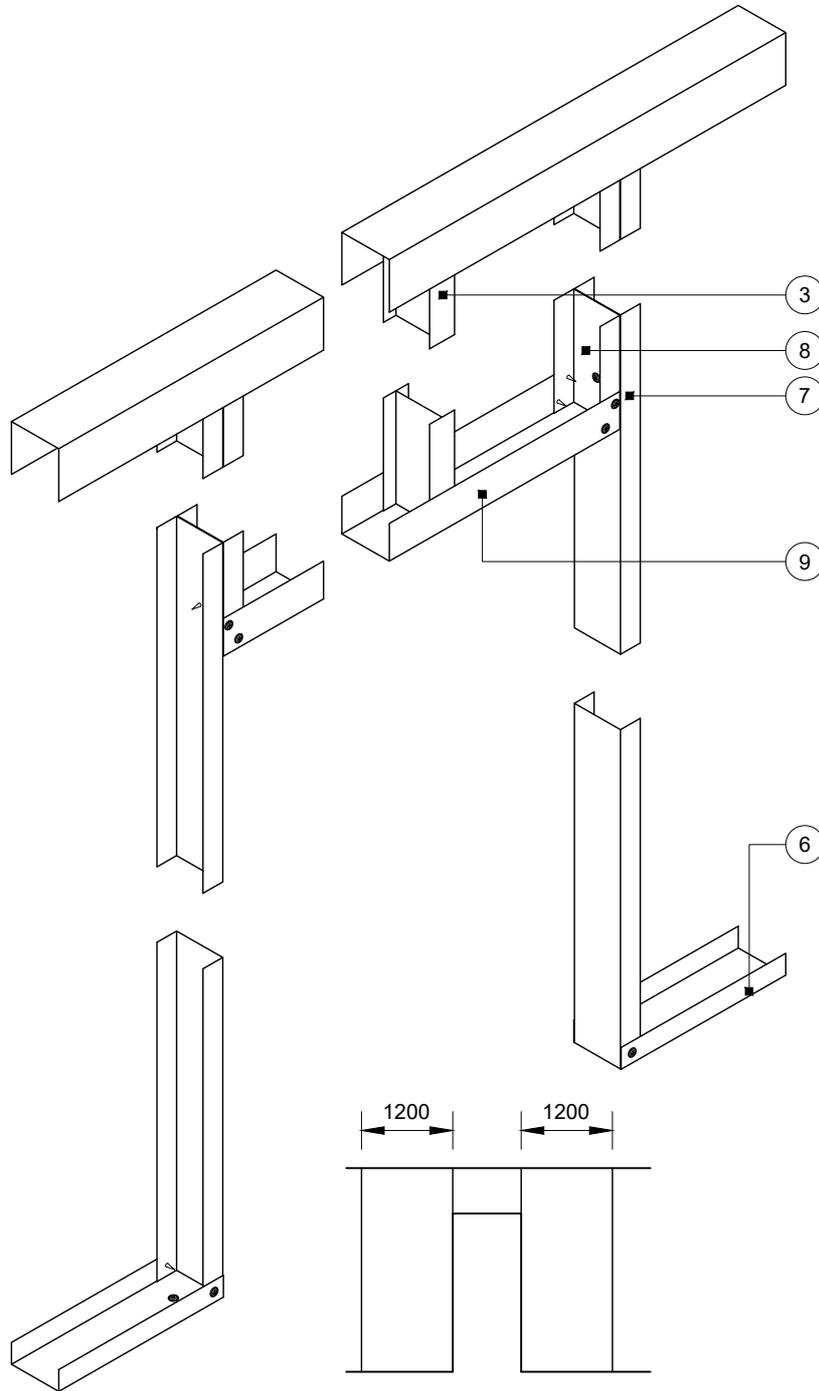
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# Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

## GypWall Shaft

Advice should be sought from the door manufacturer or installer prior to construction of this detail



- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Gypframe Channel suitably fixed to floor at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Gypframe Deep Channel used for heights between 4200mm and 8000mm.
- 7 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) mechanically fixed to lift door frame at 300mm centres
- 8 Gypframe Starter Channel (Tabbed Starter Channel for 146mm) fixed to starter channel with suitable British Gypsum wafer head Screws at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels)
- 9 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) fixed to starter channel through both flanges with two suitable British Gypsum wafer head screws
- 10 Gyproc Sealant
- 11 Indicative lift door frame

**Partition elevation**

**Lift door opening width up to 1200mm**

**Title:** GypWall Shaft  
'I' studs and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5 1:10  
**Date:** October 2021  
**Dwg No.:** ST-129-Z2L2-04

**Drawn:** MRC  
**Approved:** DRM  
**Revision:**

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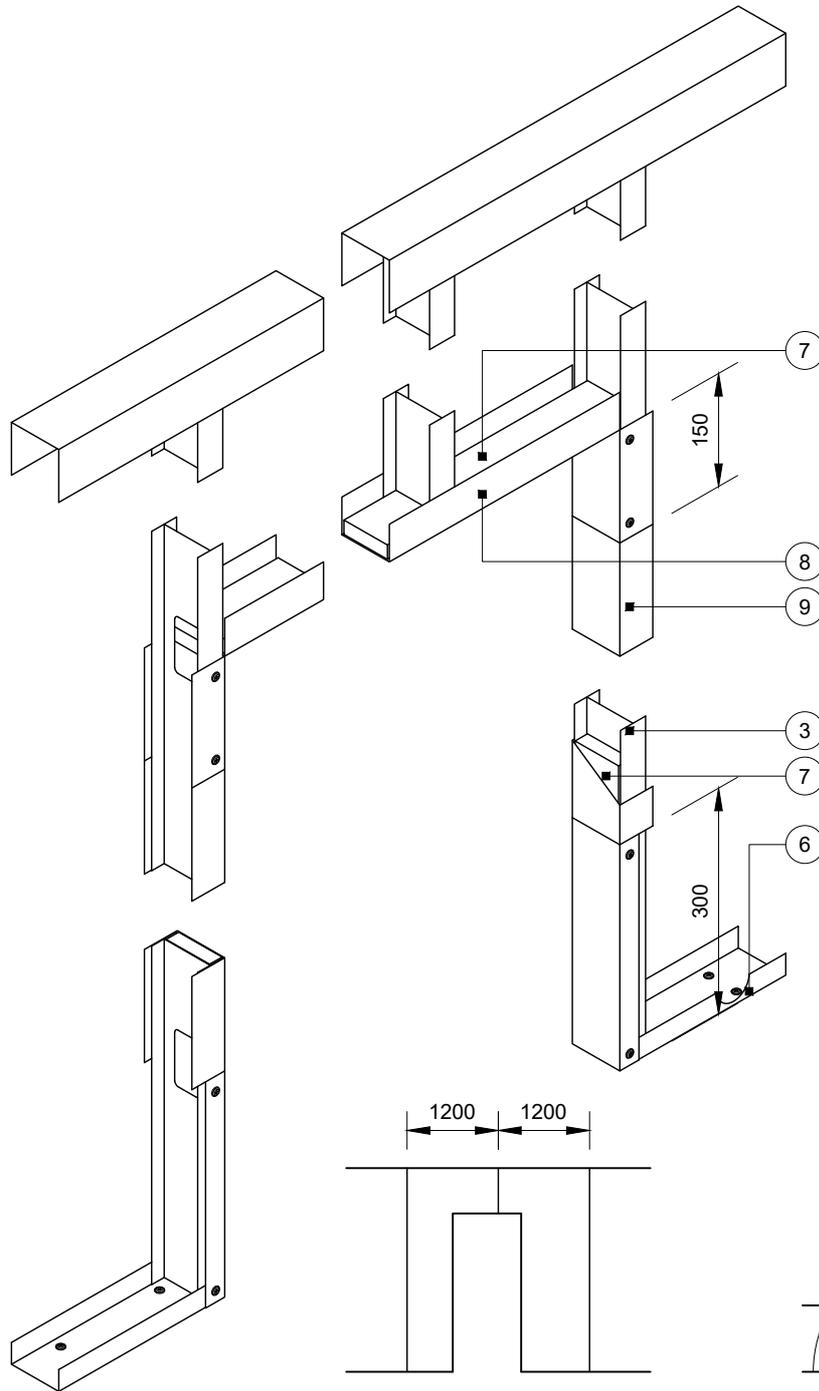
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# Standard Detail

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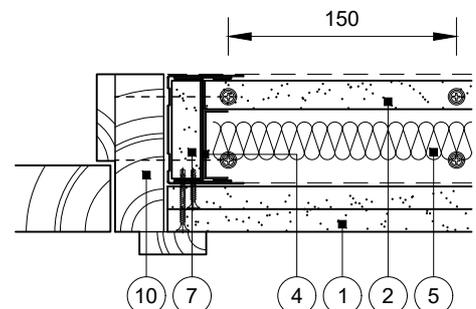
## GypWall Shaft

Advice should be sought from the door manufacturer or installer prior to construction of this detail



**Partition elevation**

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Gypframe Channel suitably fixed to floor with two pairs of fixings at 150mm centres (four total) and at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels) thereafter. Channel cut and bent to extend 300mm up stud and fixed through both flanges with two suitable British Gypsum wafer head screws. Deep Channel for heights between 4200mm and 8000mm
- 7 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase packer full opening height and opening width between studs
- 8 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) cut and bent to extend 150mm down stud and fixed through both flanges with two suitable British Gypsum wafer head screws
- 9 Gypframe Deep Channel or Extra Deep Channel ('J' Channel for 62mm) fixed to 'I' stud through both flanges with two suitable British Gypsum wafer head screws
- 10 Indicative timber door frame suitably fixed through channel to stud



## Door opening width up to 1200mm

Maximum door weight 60kg to BS 5234: Parts 1 & 2: 1992 - Heavy and Severe Duty

Rev. A 01.02.23 Updated annotation (MBH)

**Title:** GypWall Shaft  
'I' studs and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5 1:10  
**Date:** July 2021  
**Dwg No.:** ST-129-Z2L2-05

**Drawn:** MRC  
**Approved:** DRM  
**Revision:** A

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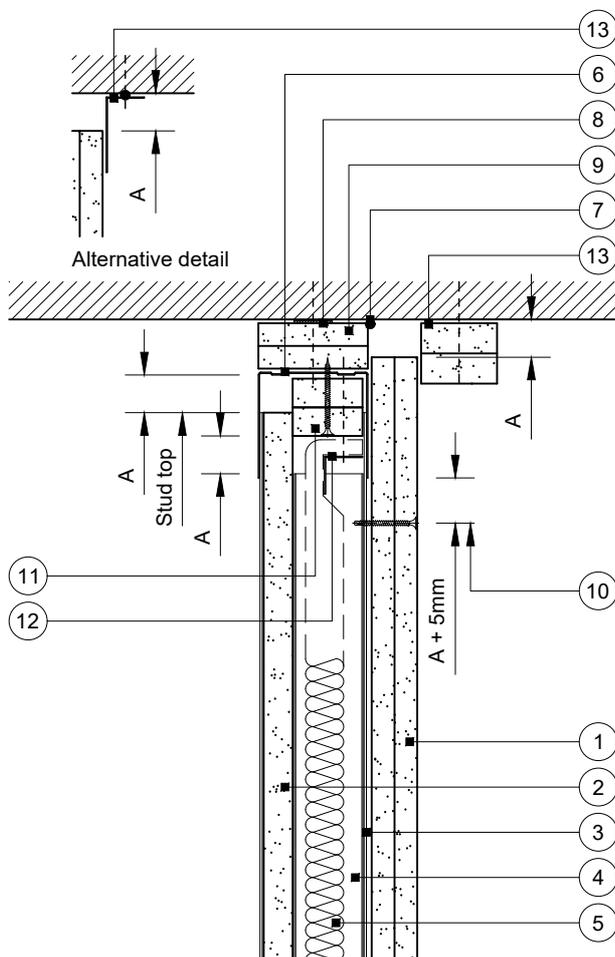
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# Standard Detail

This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

## GypWall Shaft

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase
- 3 Gypframe 'I' studs (tabbed 'I' studs for 146mm) at specified centres
- 4 Gypframe Retaining Channel
- 5 Isover insulation where required
- 6 Gypframe Extra Deep Channel ('J' Channel for 62mm) suitably fixed through board to soffit at 300mm centres (at 600mm centres in two lines staggered by 300mm for 94mm and 148mm channels)
- 7 Gyproc Sealant for optimum sound insulation
- 8 Gyproc FireStrip
- 9 One or two channel width strip(s) of board (see table). Two strips pre-fixed to channel from underside with suitable British Gypsum screws at 600mm centres
- 10 Uppermost board fixing to studs
- 11 Two or three firestops (see table) 36/46/68/122mm width (to suit 60/70/92/146mm studs) cut from 19mm Gyproc CoreBoard or 20mm Glasroc F FireCase, installed between studs and fixed to channel with two suitable British Gypsum screws
- 12 Gypframe steel angle or timber batten suitably fixed to channel to retain insulation where required
- 13 Two 50mm width strips of Glasroc F FireCase fixed to soffit with suitable fire resistant fixings at 600mm centres, or Gypframe GA4 Steel Angle bedded on bead of Gyproc Sealant and fixed to soffit with suitable fire resistant fixings at 600mm centres (see table)



### DEFLECTION (VERTICAL) HEAD DESIGN

DEFLECTION DIM. A	DROPPED SOFFIT NOTE 9	FIRESTOP NOTE 11	CLOAKING ELEMENT NOTE 13
1-15mm	One 19mm <sup>A</sup> or 20mm <sup>B</sup>	Two	Optional GA4 <sup>C</sup>
16-20mm	Two 15mm <sup>B</sup>	Two	Two 15mm <sup>B</sup>
21-25mm	Two 15mm <sup>B</sup>	Two	Two 20mm <sup>B</sup>
26-30mm	Two 20mm <sup>B</sup>	Two	Two 20mm <sup>B</sup>
31-35mm <sup>D</sup>	Two 20mm <sup>B</sup>	Three	Two 25mm <sup>B</sup>
36-40mm <sup>D</sup>	Two 25mm <sup>B</sup>	Three	Two 25mm <sup>B</sup>
41-45mm <sup>D</sup>	Two 25mm <sup>B</sup>	Three	Two 30mm <sup>B</sup>
46-50mm <sup>D</sup>	Two 30mm <sup>B</sup>	Three	Two 30mm <sup>B</sup>

<sup>A</sup> Gyproc CoreBoard

<sup>B</sup> Glasroc F FireCase

<sup>C</sup> For optimum sound insulation

<sup>D</sup> Maximum 30mm for 'J' Channel

### Important information

Fire resistance BS EN 1364-1

- 90 minutes through partition subject to specification

## Deflection head

Downward (vertical) movement

Rev. A 01.08.22 Annotation update (AJC)

**Title:** GypWall Shaft  
'I' studs and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** October 2021  
**Dwg No.:** ST-129-Z2L2-08

**Drawn:** MRC  
**Approved:** DRM  
**Revision:** A

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