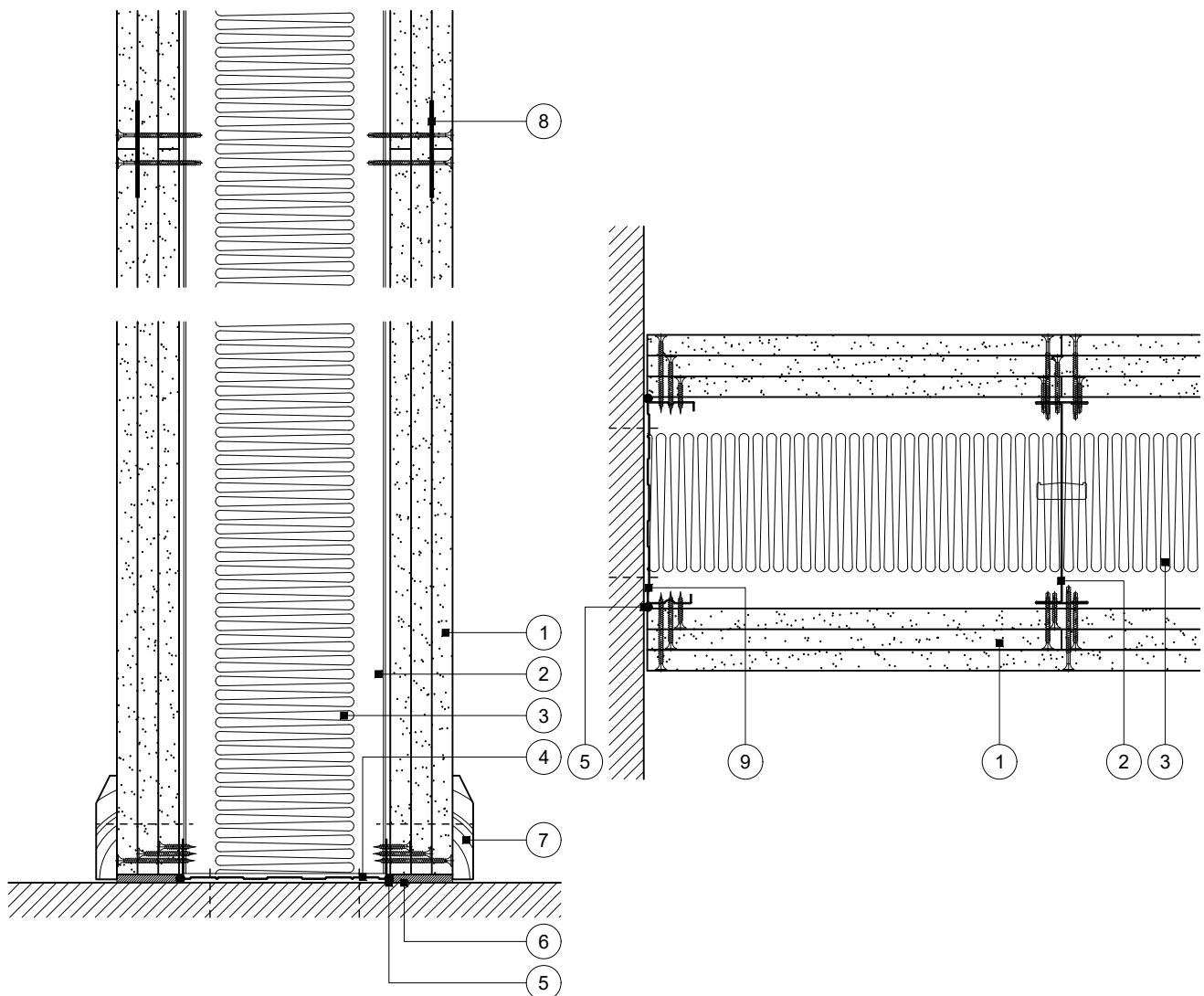


Standard Detail

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

GypWall Single Frame

- 1 Three layers 15mm Glasroc F FireCase fixed with 25mm, 41mm and 60mm British Gypsum Jack-Point Screws to 'I' studs and 25mm, 40mm and 55mm British Gypsum Drywall Screws elsewhere at 300mm centres (200mm centres at external angles)
- 2 Gypframe 146 TI 90 tabbed 'I' studs at 600mm centres
- 3 100mm stone mineral wool 100kg/m³ minimum density by others
- 4 Gypframe 148 FEC 50 Channel suitably fixed to floor at 600mm centres in 2 lines staggered by 300mm (148 DC 60 for heights between 4200mm & 8000mm or 148 EDC 80 for heights over 8000mm)
- 5 Gyproc Sealant for optimum sound insulation
- 6 Gyproc jointing material bulk fill where gap exceeds 5mm
- 7 Indicative skirting
- 8 Gypframe GFS1 Fixing Strap progressively inserted between board layers to support outer layer horizontal board joints
- 9 Gypframe 146 S 50 'C' stud suitably fixed to wall at 600mm centres in 2 lines staggered by 300mm



Base and horizontal board joint

Wall abutment

Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5
Date: February 2022
Dwg No.: ST-121-Z2L3-01

Drawn: MBH
Approved: DRM
Revision:

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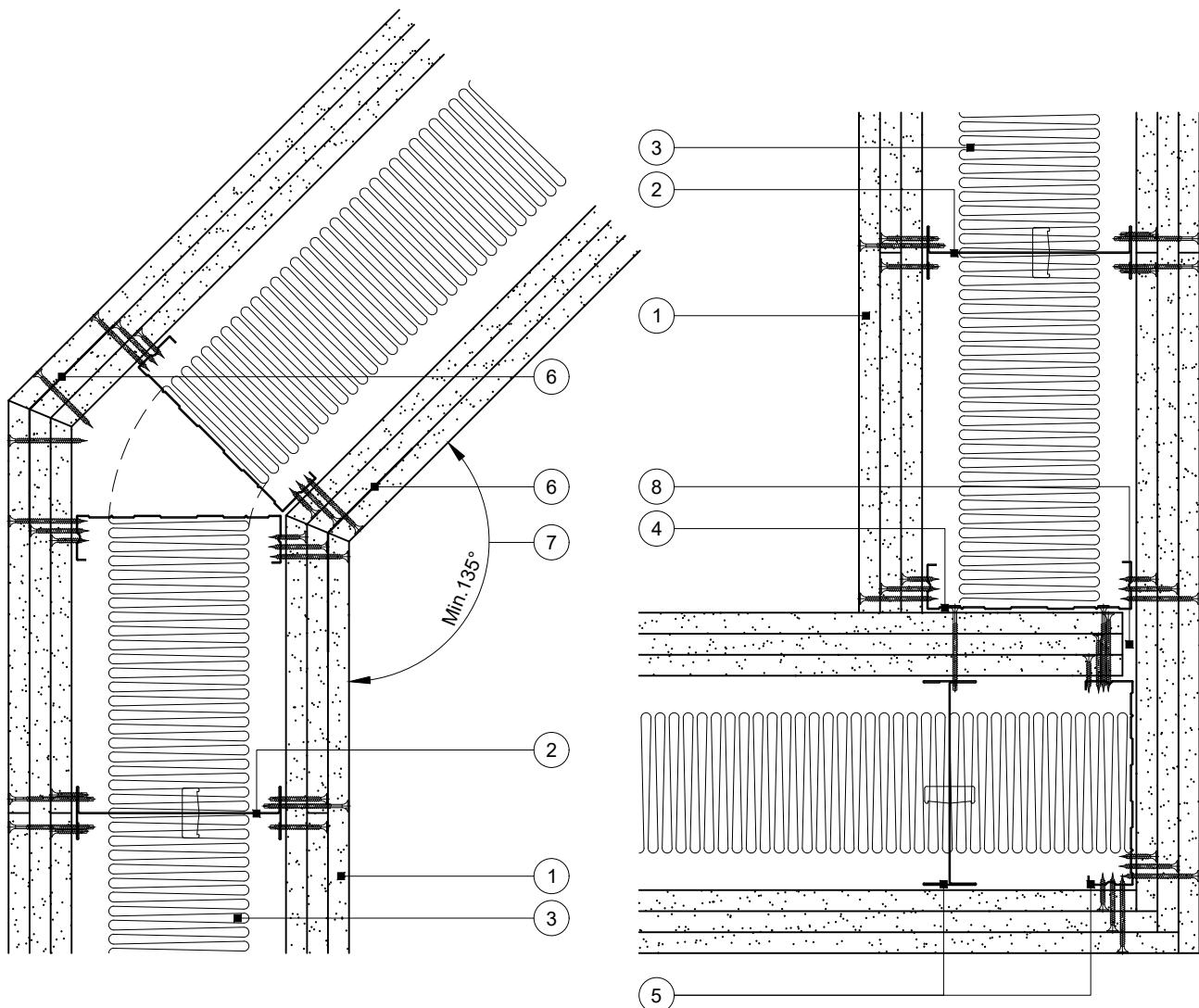
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Standard Detail

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GypWall Single Frame

- 1 Three layers 15mm Glasroc F FireCase fixed with 25mm, 41mm and 60mm British Gypsum Jack-Point Screws to 'I' studs and 25mm, 40mm and 55mm British Gypsum Drywall Screws elsewhere at 300mm centres (200mm centres at external angles)
- 2 Gypframe 146 TI 90 tabbed 'I' studs at 600mm centres
- 3 100mm stone mineral wool 100kg/m³ minimum density by others
- 4 Gypframe 146 S 50 'C' stud fixed through board to studs with suitable British Gypsum screws at 600mm centres in two lines staggered by 300mm
- 5 Gypframe 'C' stud and additional 'I' stud at junction
- 6 Gypframe GA6 Splayed Angle to receive outer layer board fixings
- 7 Minimum angle ensures Gypframe GA6 Splayed Angle is fixed to studs at external angle
- 8 Nominal 10mm gap between boards



Splayed angle

Corner

Optimum acoustic performance and reduced flanking transmission

Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5
Date: February 2022
Dwg No.: ST-121-Z2L3-02

Drawn: MBH
Approved: DRM
Revision:

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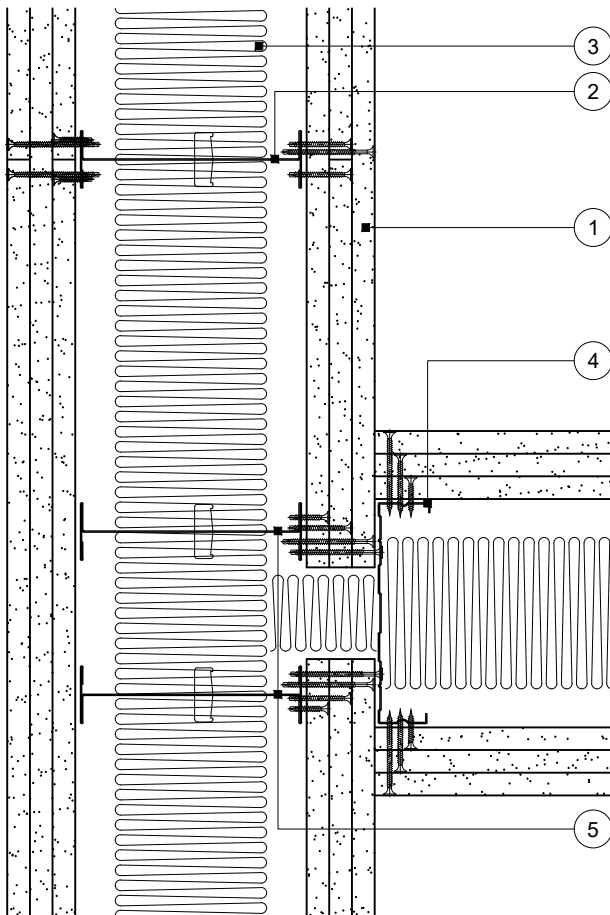
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Standard Detail

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GypWall Single Frame

- 1 Three layers 15mm Glasroc F FireCase fixed with 25mm, 41mm and 60mm British Gypsum Jack-Point Screws to 'I' studs and 25mm, 40mm and 55mm British Gypsum Drywall Screws elsewhere at 300mm centres (200mm centres at external angles)
- 2 Gypframe 146 TI 90 tabbed 'I' studs at 600mm centres
- 3 100mm stone mineral wool 100kg/m³ minimum density by others
- 4 Gypframe 'C' stud fixed through board to studs with suitable British Gypsum screws at 600mm centres in two lines staggered by 300mm
- 5 Additional Gypframe 'I' studs at junction



T-junction

Optimum acoustic performance and reduced flanking transmission

Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5
Date: February 2022
Dwg No.: ST-121-Z2L3-03

Drawn: MBH
Approved: DRM
Revision:

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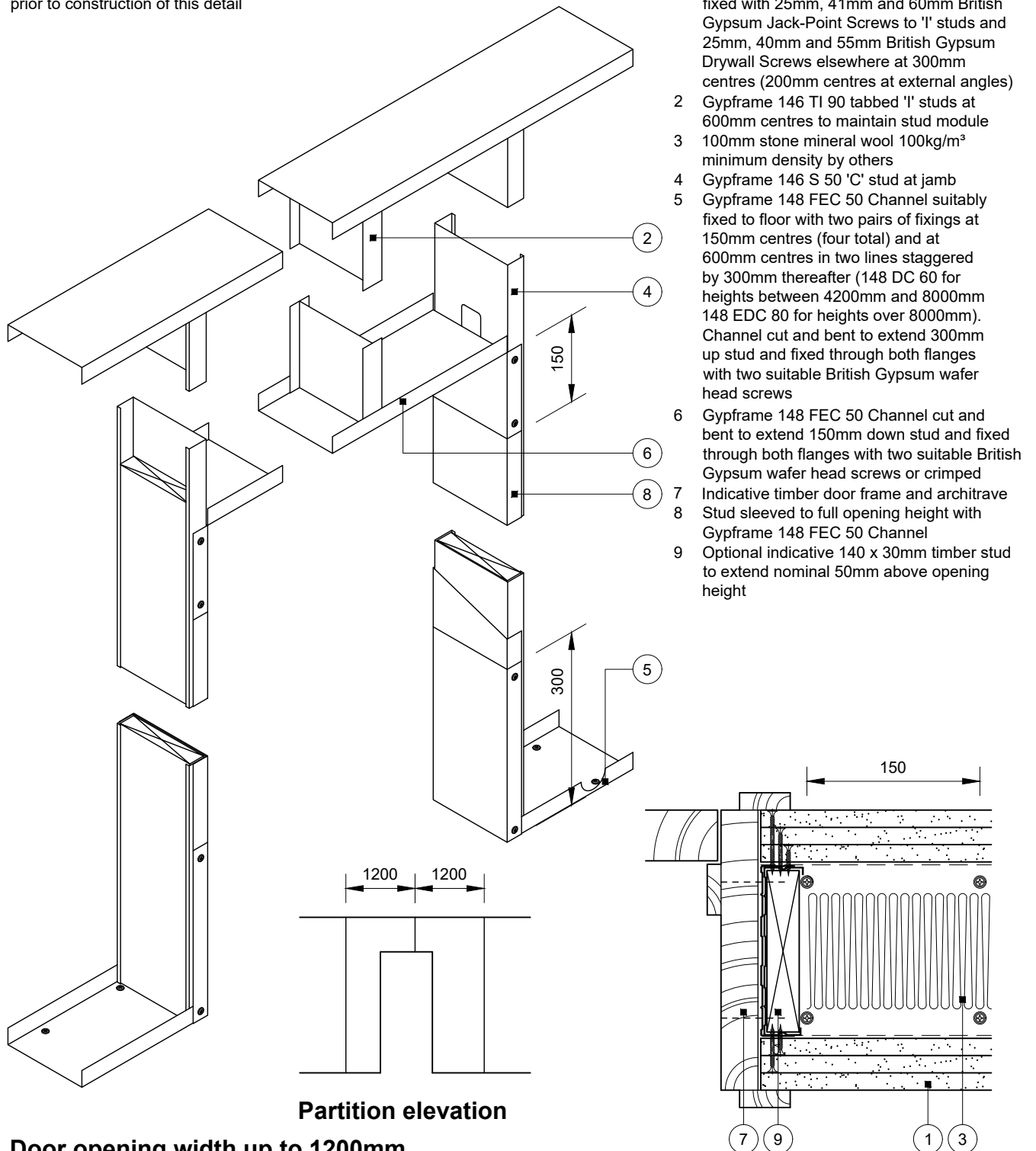
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Standard Detail

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GypWall Single Frame

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



Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5 1:10
Date: February 2022
Dwg No.: ST-121-Z2L3-04

Drawn: MBH
Approved: DRM
Revision:

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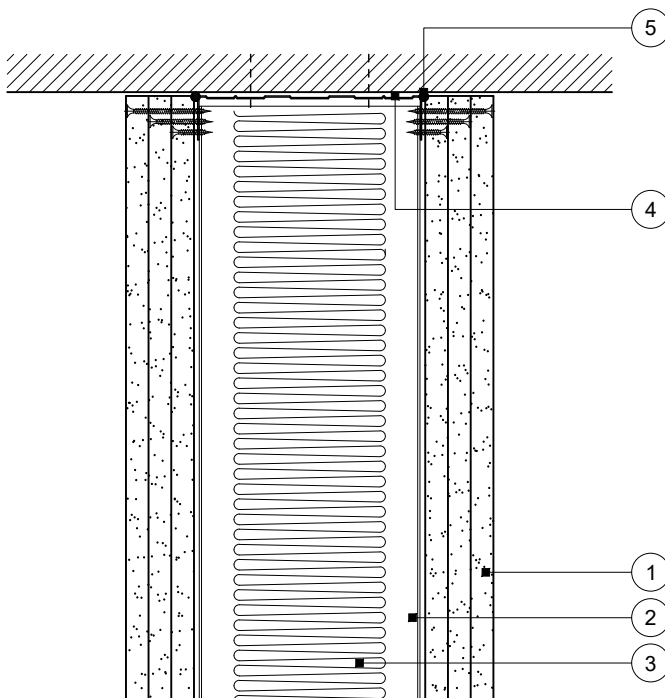
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Standard Detail

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GypWall Single Frame

- 1 Three layers 15mm Glasroc F FireCase fixed with 25mm, 41mm and 60mm British Gypsum Jack-Point Screws to 'I' studs and 25mm, 40mm and 55mm British Gypsum Drywall Screws elsewhere at 300mm centres (200mm centres at external angles)
- 2 Gypframe 146 TI 90 tabbed 'I' studs at 600mm centres
- 3 100mm stone mineral wool 100kg/m³ minimum density by others
- 4 Gypframe 148 FEC 50 Channel suitably fixed to soffit at 600mm centres in 2 lines staggered by 300mm (148 DC 60 for heights between 4200mm & 8000mm or 148 EDC 80 for heights over 8000mm)
- 5 Gyproc Sealant for optimum sound insulation



Head

No deflection allowance

Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5
Date: February 2022
Dwg No.: ST-121-Z2L3-05

Drawn: MBH
Approved: DRM
Revision:

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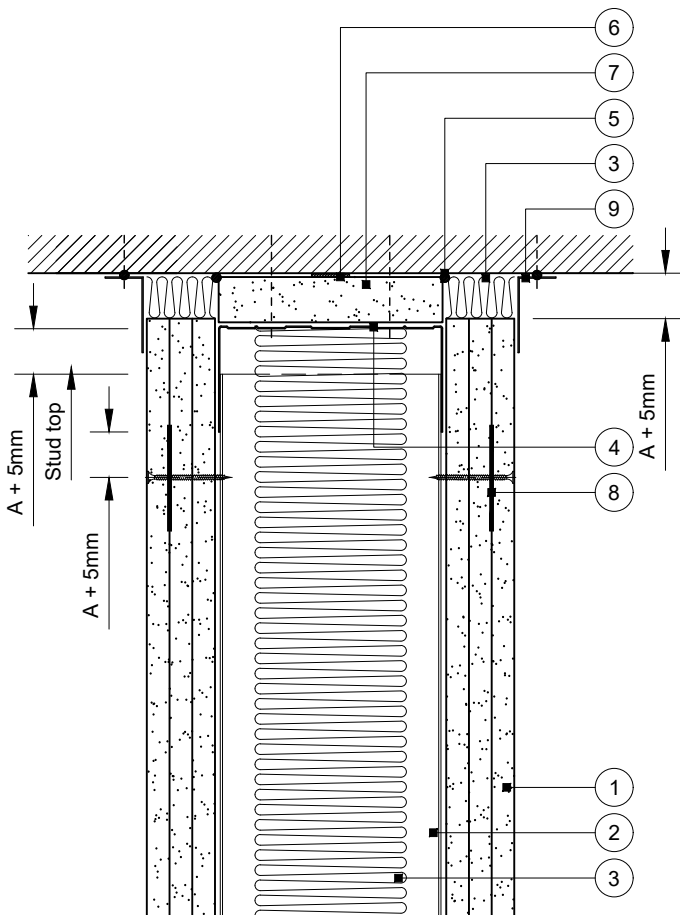
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GypWall Single Frame

- 1 Three layers 15mm Glasroc F FireCase fixed with 25mm, 41mm and 60mm British Gypsum Jack-Point Screws to 'I' studs and 25mm, 40mm and 55mm British Gypsum Drywall Screws elsewhere at 300mm centres (200mm centres at external angles)
- 2 Gypframe 146 TI 90 tabbed 'I' studs at 600mm centres
- 3 100mm stone mineral wool 100kg/m³ minimum density by others
- 4 Gypframe 148 EDC 80 Extra Deep Channel suitably fixed through board to soffit at 600mm centres in two lines staggered by 300mm
- 5 Gyproc Sealant for optimum sound insulation
- 6 Gyproc FireStrip
- 7 148mm wide strip of 30mm Glasroc F FireCase
- 8 Gypframe GFS1 Fixing Strap fixed through board to studs with suitable British Gypsum screws at 1200mm centres to receive uppermost board fixings (no fixings into head channel)
- 9 Gypframe GA4 Steel Angle bedded on bead of Gyproc Sealant and fixed to soffit with suitable fire resistant fixings at 600mm centres



DEFLECTION (VERTICAL) HEAD DESIGN

DEFLECTION DIM. A	DROPPED SOFFIT NOTE 7	CHANNEL NOTE 4	CLOAKING ELEMENT NOTE 10
1-15mm	One 30mm Glasroc F FireCase	EDC	GA4



Important information

Fire resistance BS EN 1364-1

- 240 minutes through partition subject to specification

Deflection head

Downward (vertical) movement

Rev. A 01.08.22 Annotation update (MBH)

Title: GypWall Single Frame
'I' studs and three layers board
Standard details read with project specification

Scale at A4: 1:5
Date: February 2022
Dwg No.: ST-121-Z2L3-06

Drawn: MBH
Approved: DRM
Revision: A

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