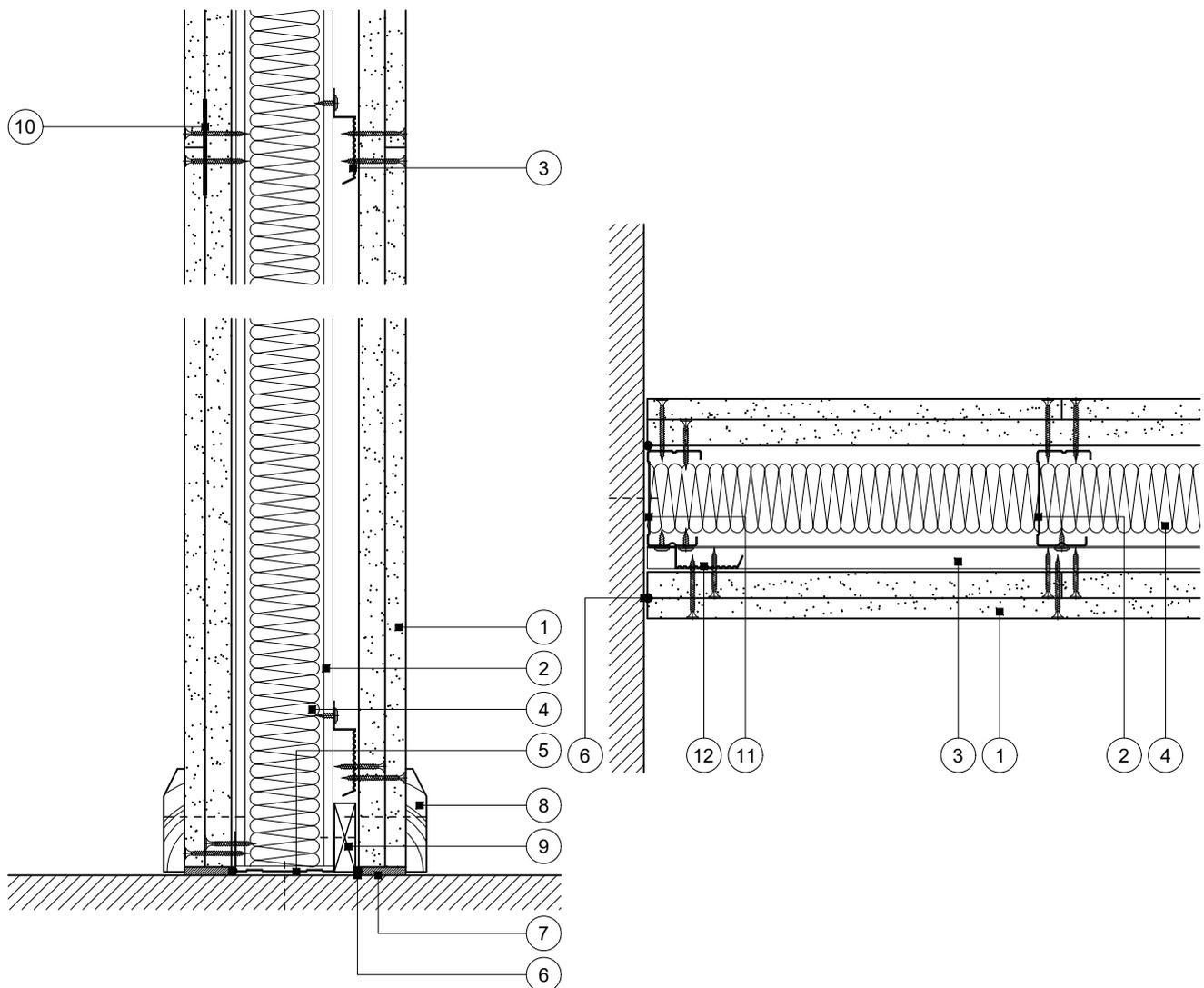


# Standard Detail

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

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 Gypframe Channel suitably fixed to floor at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Deep Channel for heights between 4200mm and 8000mm
- 6 Gyproc Sealant for optimum sound insulation
- 7 Gyproc jointing material bulk fill where gap exceeds 5mm
- 8 Indicative skirting
- 9 15 x 50mm timber packer suitably fixed to metal framework
- 10 Gypframe GFS1 Fixing Strap progressively inserted between board layers to support outer layer horizontal board joints
- 11 Gypframe 'C' stud suitably fixed to wall at 600mm centres (in two lines staggered by 300mm for 92mm and 146mm studs)
- 12 Short lengths of Gypframe RB1 Resilient Bar between horizontal lengths fixed to studs with suitable British Gypsum wafer head screws



**Base and horizontal board joint**

**Wall abutment**

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-01

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

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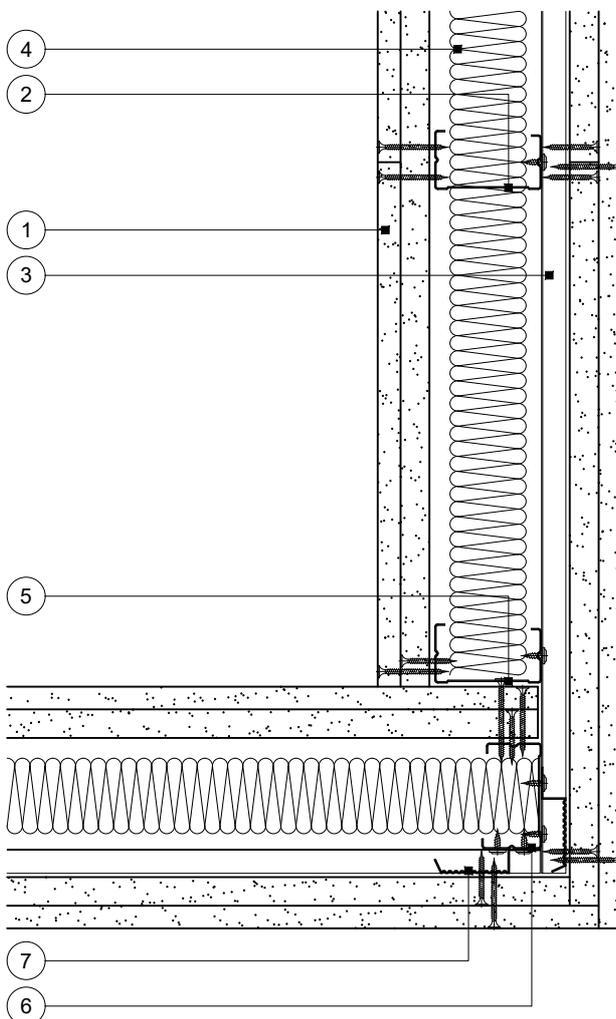
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# Standard Detail

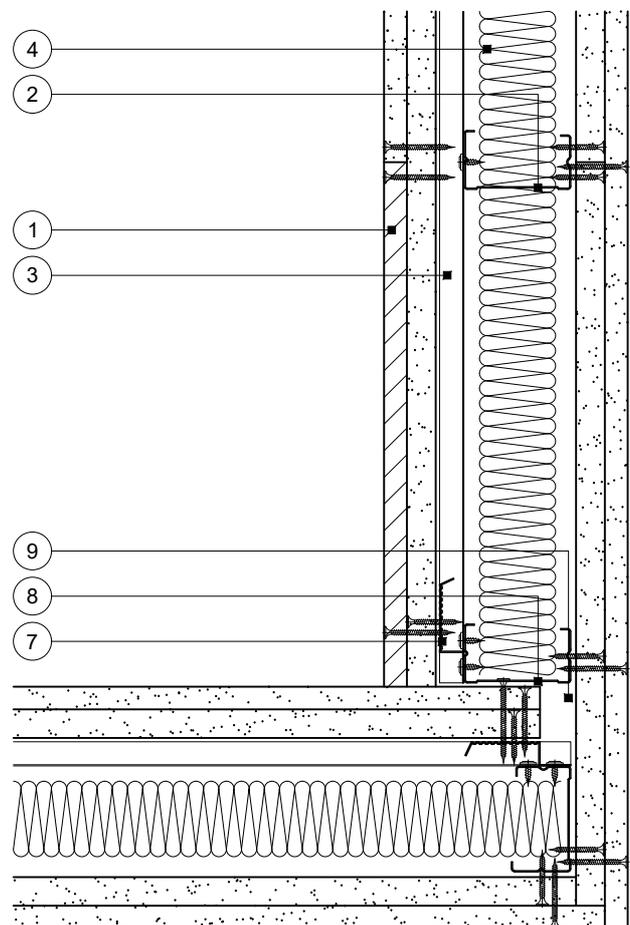
This drawing provides general guidance where no performance criteria is given and site specific conditions are not taken into account

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 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)
- 6 Gypframe 'C' stud at junction (two for 92mm and 146mm studs)
- 7 Short lengths of Gypframe RB1 Resilient Bar between horizontal lengths fixed to studs with suitable British Gypsum wafer head screws
- 8 Gypframe 'C' stud fixed through board to resilient bars with suitable British Gypsum screws at 600mm centres (in two lines for 92mm and 146mm studs)
- 9 Nominal 10mm gap between boards



**External corner**



**Internal corner**

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-02

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

**Technical Support Team | british-gypsum.com**

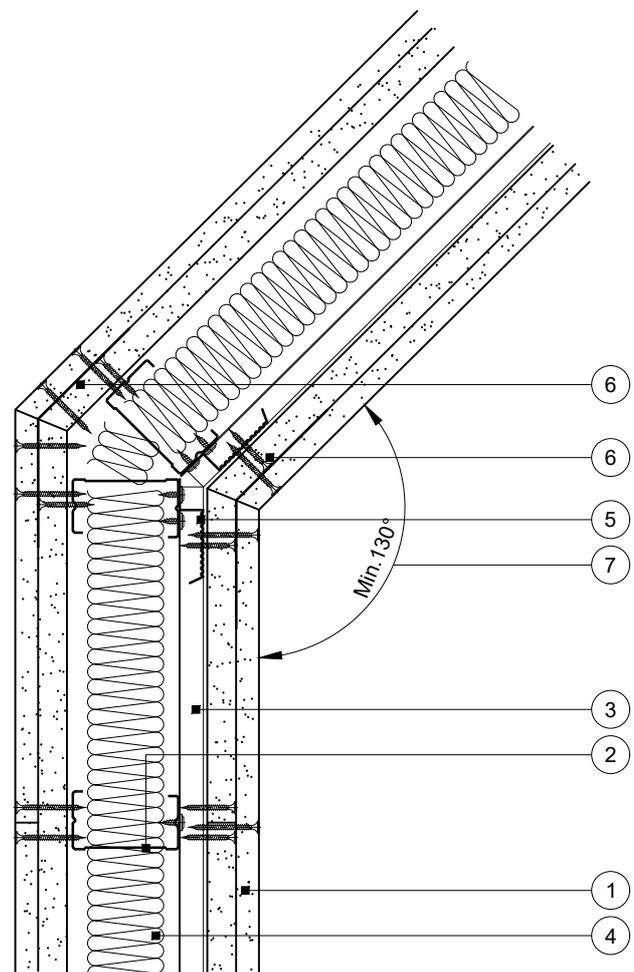
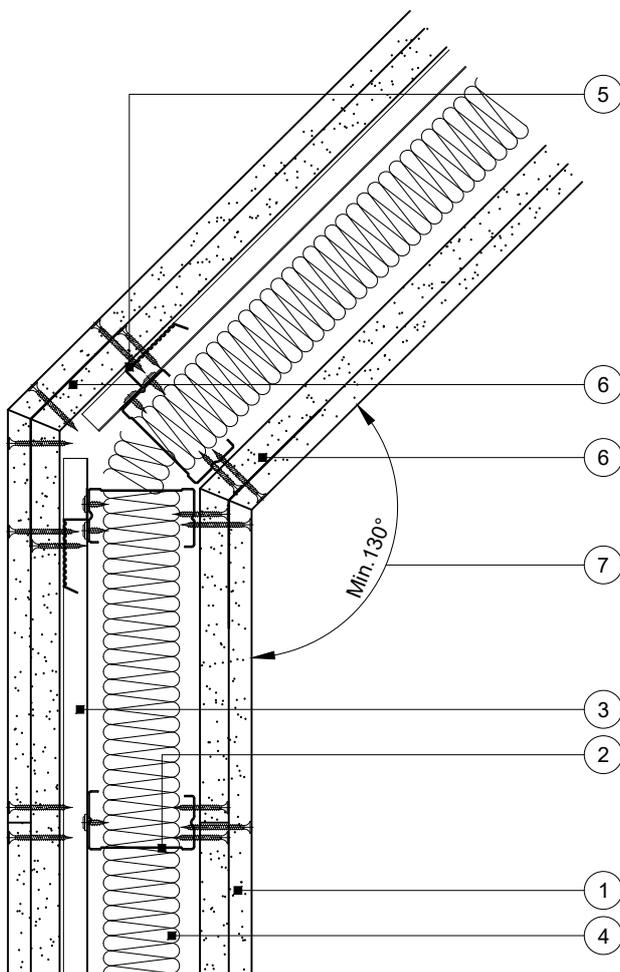
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# Standard Detail

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

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gyproframe 'C' studs at specified centres
- 3 Horizontal Gyproframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 Short lengths of Gyproframe RB1 Resilient Bar between horizontal lengths fixed to studs with suitable British Gypsum wafer head screws
- 6 Gyproframe GA6 Splayed Angle to receive outer layer board fixings
- 7 Minimum angle ensures Gyproframe GA6 Splayed Angle is fixed to studs at external angle



**External splayed angle**

**Internal splayed angle**

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-03

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

**Technical Support Team | british-gypsum.com**

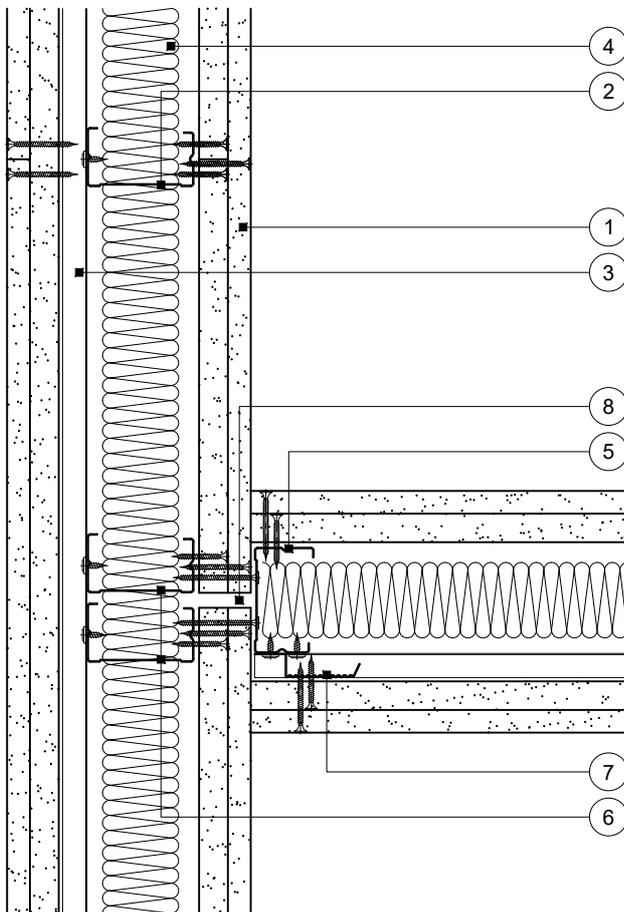
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# Standard Detail

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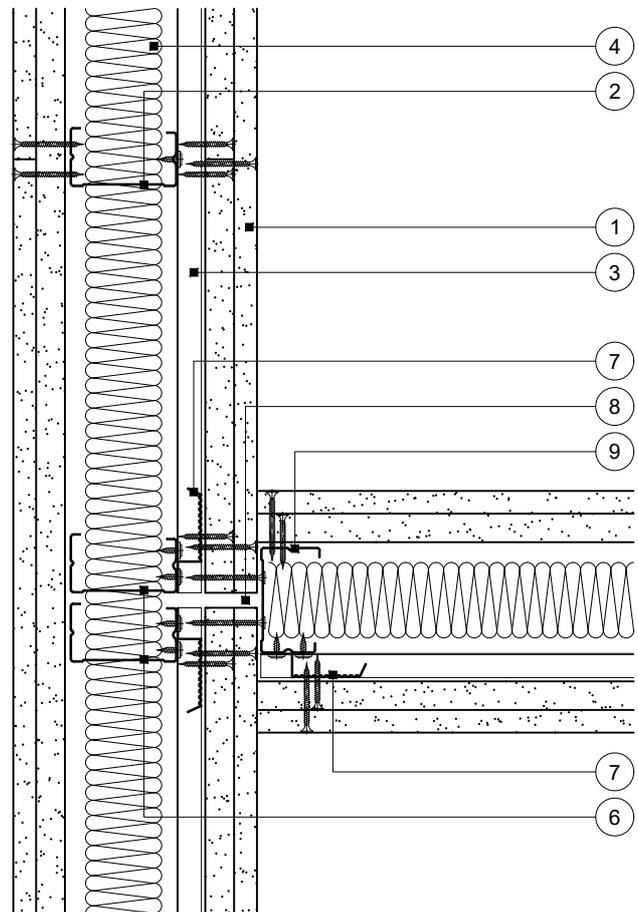
## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 Gypframe 'C' stud fixed through board to studs with suitable British Gypsum screws at 600mm centres in two lines staggered by 300mm
- 6 Additional Gypframe 'C' studs at junction
- 7 Short lengths of Gypframe RB1 Resilient Bar between horizontal lengths fixed to studs with suitable British Gypsum wafer head screws
- 8 Nominal 10mm gap between boards
- 9 Gypframe 'C' stud fixed through board to studs with suitable British Gypsum screws at 600mm centres in two lines



### T-junction 1

Resilient bars on opposite side



### T-junction 2

Resilient bars on abutment side

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-04

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

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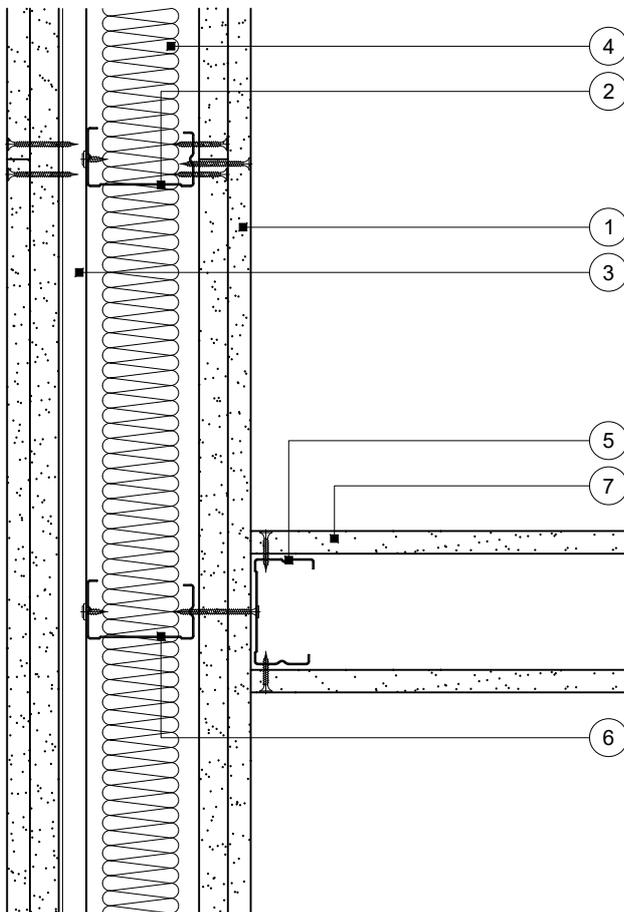
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# Standard Detail

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

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 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)
- 6 Additional Gypframe 'C' stud at junction (two for 92mm and 146mm studs in adjacent partition)
- 7 One layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)



## T-junction with other partition

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-05

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

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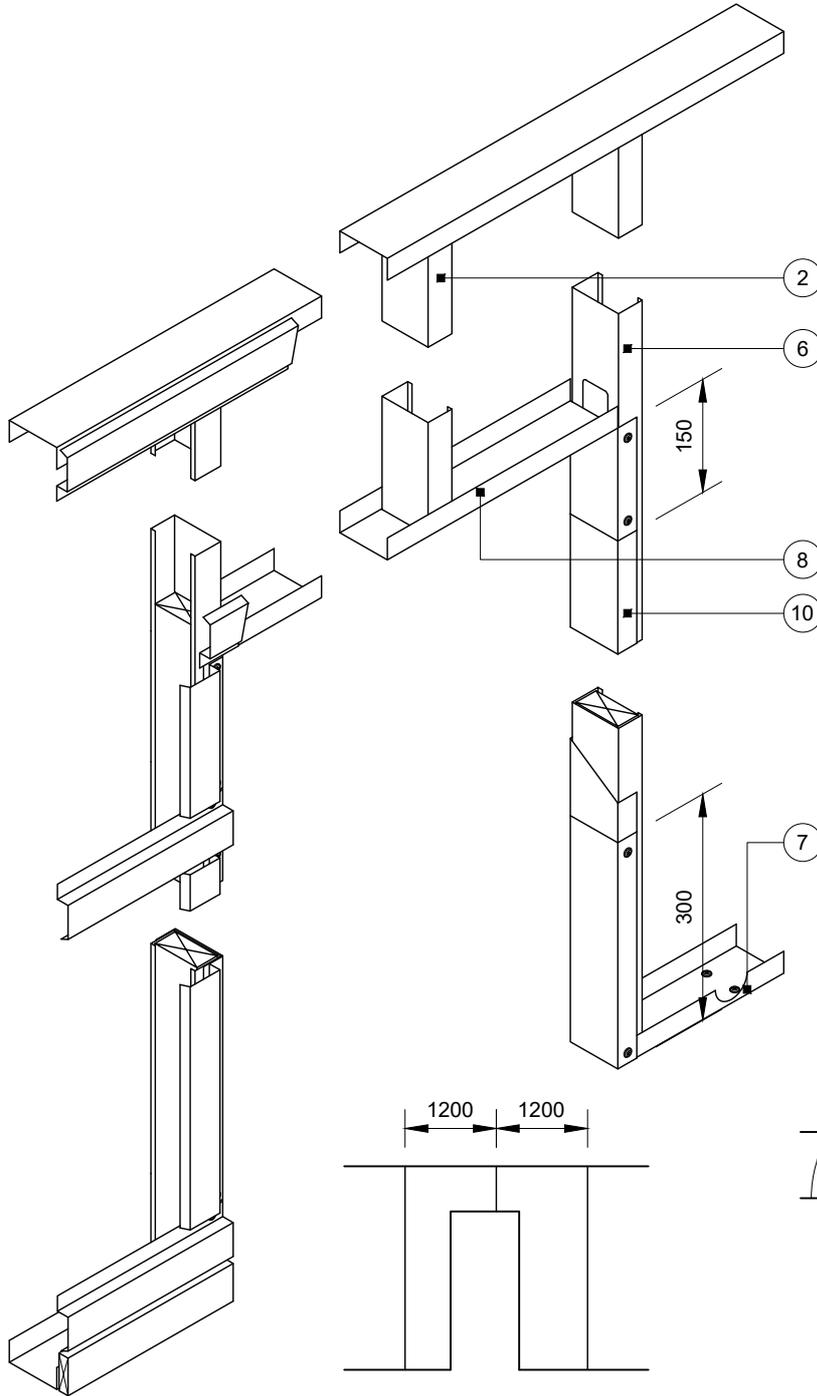
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# Standard Detail

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

## GypWall Resilient

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

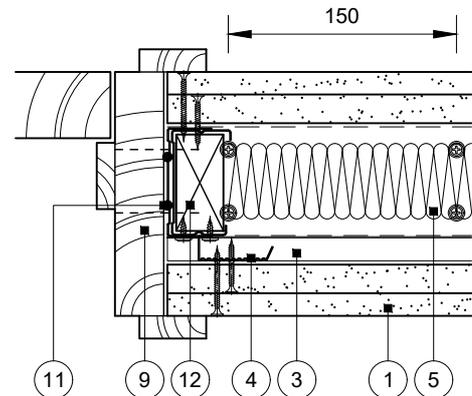


**Partition elevation**

### Door opening width up to 1200mm

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

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres to maintain stud module
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Short lengths of Gypframe RB1 Resilient Bar between horizontal lengths fixed to studs with suitable British Gypsum wafer head screws
- 5 Isover insulation where required
- 6 Gypframe 'C' stud at jamb
- 7 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
- 8 Gypframe Channel cut and bent to extend 150mm down stud and fixed through both flanges with two suitable British Gypsum wafer head screws or crimped
- 9 Indicative timber door frame and architrave
- 10 Gypframe Channel sleeved over stud between returned channels at opening head and base
- 11 Suitable solvent based construction adhesive with instant grab by others
- 12 Optional indicative timber stud 64/86/140 x 30mm (to suit 70/92/146mm stud) to extend nominal 50mm above opening height



**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5 1:10  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-06

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

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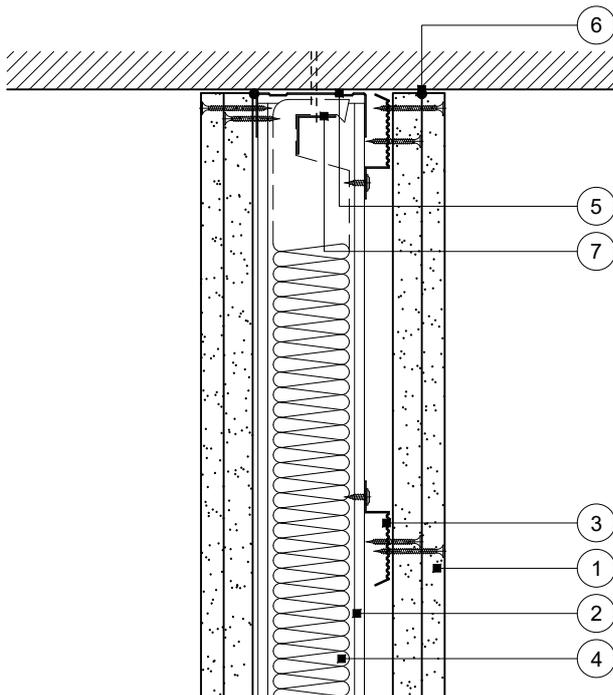
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# Standard Detail

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

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 Gypframe Channel suitably fixed to soffit at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels). Deep Channel for heights between 4200mm and 8000mm
- 6 Gyproc Sealant for optimum sound insulation
- 7 Gypframe steel angle or timber batten suitably fixed to soffit to retain insulation where required



## Head

No deflection allowance

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-07

**Drawn:** DRM  
**Approved:** MBH  
**Revision:**

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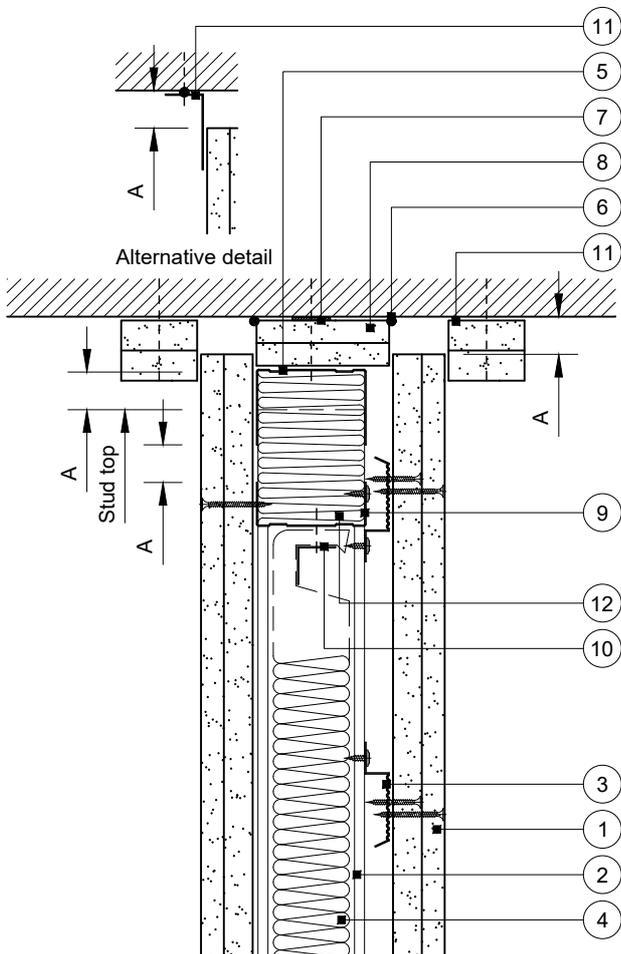
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# Standard Detail

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

## GypWall Resilient

- 1 Inner layer 19mm Gyproc plasterboard fixed horizontally to each stud with two suitable British Gypsum screws. Outer layer Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Gypframe 'C' studs at specified centres
- 3 Horizontal Gypframe RB1 Resilient Bars at specified centres fixed to all studs with suitable British Gypsum wafer head screws
- 4 Isover insulation where required
- 5 Gypframe Deep Channel or Extra Deep Channel (see table) suitably fixed through board to soffit at 600mm centres (in two lines staggered by 300mm for 94mm and 148mm channels)
- 6 Gyproc Sealant for optimum sound insulation
- 7 Gyproc FireStrip
- 8 One or two channel width +15mm (ie. 72+15mm) strip(s) of board (see table). Two strips pre-fixed to channel with suitable British Gypsum screws at 600mm centres
- 9 Gypframe Channel noggings with ends notched around studs and fixed with suitable British Gypsum wafer head screws, to receive uppermost board fixings (no fixings into head channel)
- 10 Gypframe steel angle or timber batten suitably fixed to nogging to retain insulation where required
- 11 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)
- 12 Stone mineral wool 33kg/m<sup>3</sup> minimum density by others



### DEFLECTION (VERTICAL) HEAD DESIGN

DEFLECTION DIM. A	DROPPED SOFFIT NOTE 8	CHANNEL NOTE 5	CLOAKING ELEMENT NOTE 11
1-15mm	One 19mm <sup>A</sup> or 20mm <sup>B</sup>	DC	Two 15mm <sup>B</sup> or GA4
16-20mm	Two 15mm <sup>B</sup>	DC	Two 15mm <sup>B</sup>
21-25mm	Two 15mm <sup>B</sup>	DC	Two 20mm <sup>B</sup>
26-30mm	Two 20mm <sup>B</sup>	DC	Two 20mm <sup>B</sup>
31-35mm	Two 20mm <sup>B</sup>	EDC	Two 25mm <sup>B</sup>
36-40mm	Two 25mm <sup>B</sup>	EDC	Two 25mm <sup>B</sup>
41-45mm	Two 25mm <sup>B</sup>	EDC	Two 30mm <sup>B</sup>
46-50mm	Two 30mm <sup>B</sup>	EDC	Two 30mm <sup>B</sup>

<sup>A</sup> Gyproc CoreBoard  
<sup>B</sup> Glasroc F FireCase

### 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 (MBH)

**Title:** GypWall Resilient  
'C' studs with resilient bars one side and two layers board  
Standard details read with project specification

**Scale at A4:** 1:5  
**Date:** December 2021  
**Dwg No.:** ST-124-Z431-09

**Drawn:** DRM  
**Approved:** MBH  
**Revision:** A

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