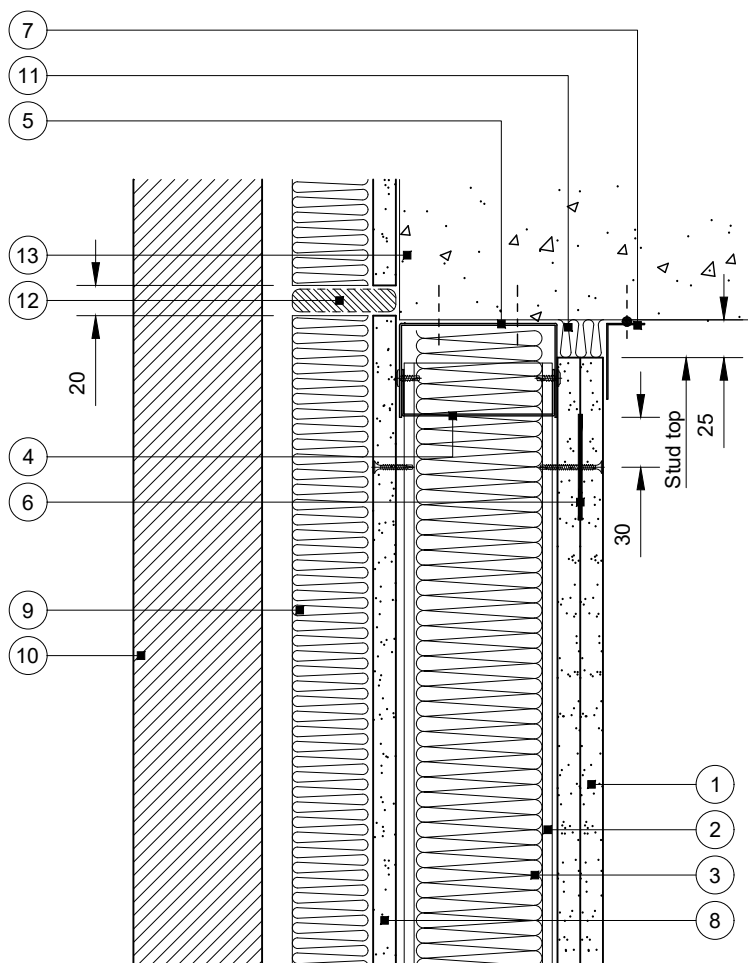


Construction Detail

This drawing provides guidance to achieve indicative performance criteria for specific design conditions

GypLyner Xternal

- 1 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 300mm centres (200mm centres at external angles)
- 2 Indicative Hadley SFS studs at specified centres
- 3 Isover insulation where required
- 4 Hadley Slip Klip fixed to channel with two suitable British Gypsum wafer head screws
- 5 Indicative Hadley SFS channel suitably fixed to soffit
- 6 Gypframe GFS1 Fixing Strap to receive uppermost board fixings (no fixings into head channel)
- 7 Gypframe GA4 Steel Angle bedded on a continuous bead of Gyproc Sealant and suitably fixed to soffit at 600mm centres with fire resistant fixings
- 8 One layer 12.5mm Glasroc X Sheathing Board fixed with 25mm Glasroc X Screws (max. 2mm metal thickness) at 300mm centres. Continuous 6mm bead of Glasroc X Sealant at board joints
- 9 Isover Polterm Max Plus (thickness to suit specification) suitably fixed through board to SFS studs
- 10 Indicative external finish
- 11 Stone mineral wool 33kg/m³ minimum density by others
- 12 20mm gap sealed with suitable EPDM (by others). Gap position should be backed by concrete slab
- 13 Indicative concrete slab



A 25mm designed deflection head gap could accommodate approximately 20mm downward movement. This is due to the stone mineral wool in the head not being able to fully compress

Deflection head

20mm Downward movement

Important information

Fire resistance BS EN 1364-1

- Up to 90 minutes through wall subject to specification

Title: Construction detail

Scale at A4: 1:5

Drawn: MBH

Date: August 2022

Approved: MFK JMC

Dwg No.: CN-225-006

Revision:

Technical Support Team | british-gypsum.com

This drawing is provided to customers free of charge and the details shown are subject to the accuracy of the information provided to British Gypsum at the time the drawing was originally requested. The drawing should therefore be approved by the project design and management authority before use to ensure that it meets with their specific project requirements. It should also be read in conjunction with British Gypsum's current literature available at www.british-gypsum.com. Taping and finishing in accordance with British Gypsum's current recommendations is assumed (with the exception of FireCase system). Please note the drawing may show British Gypsum products/fixings fixed by or to products that are non-British Gypsum products/fixings please refer to Specifying Authority for specification details. This drawing is valid at the time of issue, please check with British Gypsum for the latest version. No duty of care is owed to the recipient or any third party and British Gypsum excludes all liability in respect of the details shown save where death or personal injury is caused due to British Gypsum's negligence or for fraud.