Construction Detail

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

British Gypsum
SAINT-GOBAIN

GypWall Single Frame and GypCeiling MF

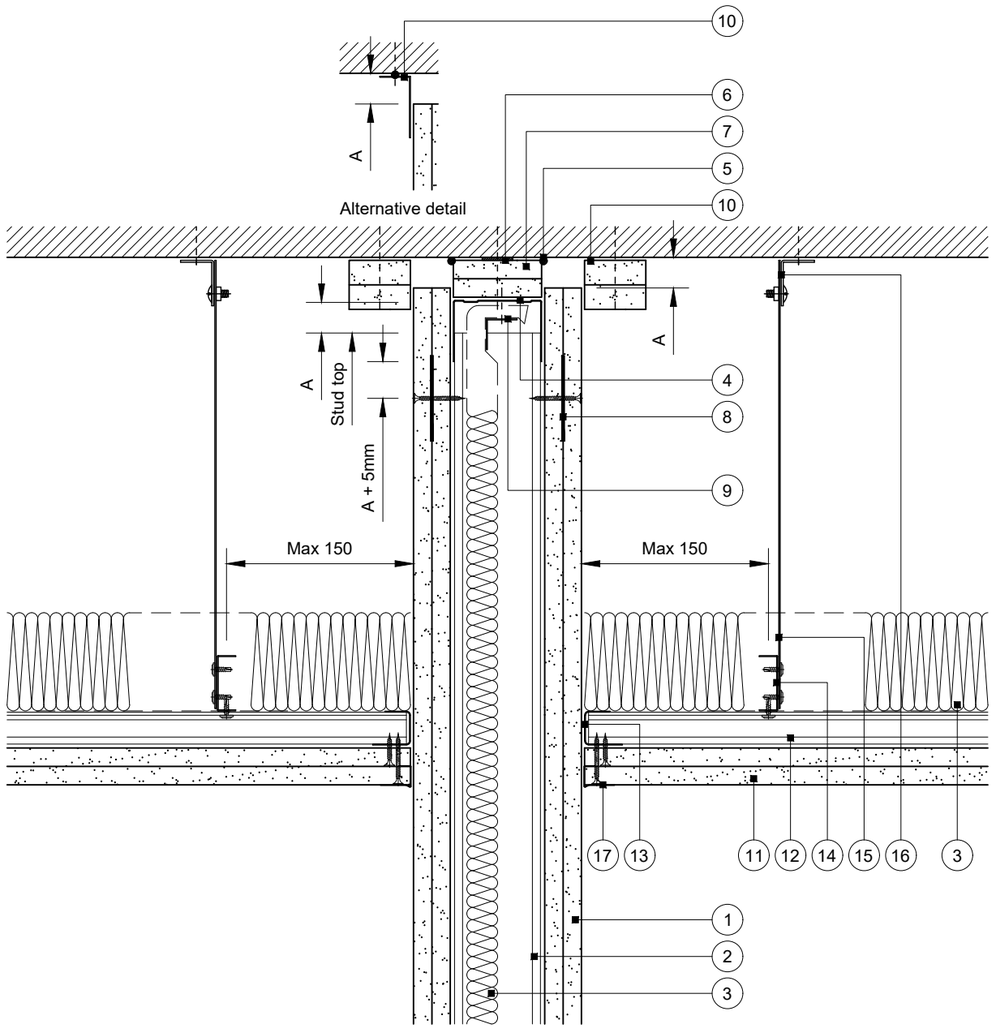
DEFLECTION (VERTICAL) HEAD DESIGN			
DEFLECTION DIM. A	DROPPED SOFFIT NOTE 7	CHANNEL NOTE 4	CLOAKING ELEMENT NOTE 10
1-15mm	One 19mm [A] or 20mm [B]	DC	Two 15mm [B] or GA4
16-20mm	Two 15mm [B]	DC	Two 15mm [B] or GA4
21-25mm	Two 15mm [B]	DC	Two 20mm [B] or GA4
26-30mm	Two 20mm [B]	DC	Two 20mm [B]
31-35mm	Two 20mm [B]	EDC	Two 25mm [B]
36-40mm	Two 25mm [B]	EDC	Two 25mm [B]
41-45mm	Two 25mm [B]	EDC	Two 30mm [B]
46-50mm	Two 30mm [B]	EDC	Two 30mm [B]

[A] Gyproc CoreBoard
[B] Glasroc F FireCase

Important information

Fire resistance BS EN 1364-1
- 30 or 60 minutes through partition subject to specification

Fire resistance BS EN 1364-2
- Non-fire rated ceiling



1 Two layers 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 Isover insulation where required
4 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)
5 Gyproc Sealant for optimum sound insulation
6 Gyproc FireStrip
7 One or two channel width strip(s) of board (see table). Two strips pre-fixed to channel with suitable British Gypsum screws at 600mm centres
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 steel angle or timber batten suitably fixed to channel to retain insulation where required
10 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)
11 Two layers Gyproc plasterboard or Glasroc specialist board fixed with suitable British Gypsum screws at 230mm centres in field of board and 150mm centres at board ends
12 Gypframe MF5 Ceiling Sections at max. 450mm centres fixed to each MF7 with two suitable British Gypsum wafer head screws or MF9 Connecting Clip
13 Gypframe MF6 Perimeter Channel
14 Gypframe MF7 Primary Support Channels at specified centres
15 Gypframe MF8 Strap Hanger or FEA1 Steel Angle hangers at specified centres fixed to MF7 with two suitable British Gypsum wafer head screws
16 Gypframe MF12 Soffit Cleat fixed to hanger with MF11 Nut and Bolt and suitably fixed to soffit
17 Gyproc Drywall Edge Bead

Deflection head with ceiling abutting

Downward (vertical) movement

Rev. A 03.08.22 Annotation update (AJC)

Title: Construction detail	**Scale at A3:** 1:5	**Drawn:**	MRC
	Date: December 2021	**Approved:**	MKF JMC
	Dwg No.: CN-121-021	**Revision:**	A

Technical Support Team | british-gypsum.com