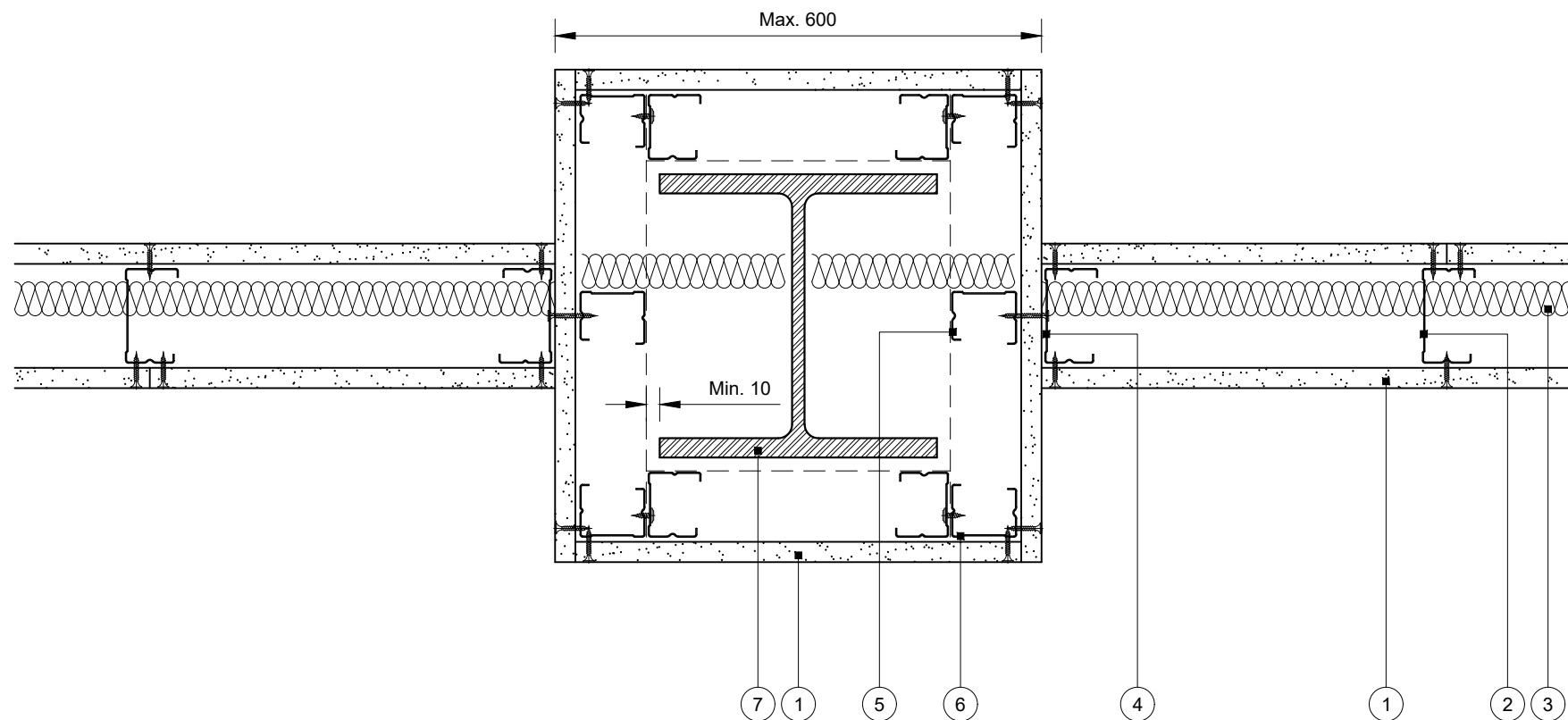


Construction Detail

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

GypWall Single Frame and GypWall Single Frame Enhanced



- 1 One 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 Isover insulation where required
- 4 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)
- 5 Additional Gypframe 'C' stud at junction (two for 92mm and 146mm studs in adjacent partition)
- 6 Gypframe 'C' studs fixed together with suitable British Gypsum wafer head screws at 600mm centres
- 7 Indicative universal steel column with intumescent paint fire protection

Important information

Fire resistance BS EN 1364-1

- 30 or 60 minutes through partition subject to specification
- Estimated 30 or 60 minutes room to room through column encasement subject to specification

As there is no recognised method for fire resistance testing of junctions, any performance characteristics, stated or inferred, in this detail are estimated based on each system tested in isolation and other relevant test data. The drawing should be approved by the project design and management authority before use to ensure that it meets with their specific project requirements

Where drylining systems cloak intumescent coated steel columns or beams, a recommended minimum gap of 50 times the dry film thickness of the reactive coating should be allowed from the steel surface. Where drylining cannot avoid fixing to steel columns or beams, the drylining board should be used in part or as full encasement to provide fire protection. Further guidance can be viewed in the ASFP Technical Guidance Document 13

Fire protection to steelwork to be substantiated by intumescent paint manufacturer

Where following ASFP Advisory Note 18 GypLyner Encase or FireCase system should be used to provide the required level of fire protection to the structural column

Column encasement junction (intumescent paint)

Title: Construction detail

Scale at A3: 1:5

Drawn: MRC

Date: December 2021

Approved: MKF JMC

Dwg No.: CN-121-046

Revision:

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