BACK TO NAVIGATE

GYPROC EXTRA-HEIGHT WALL SYSTEM

Details are NOT PROJECT SPECIFIC and need to be approved by a project professional before use to ensure that they meet with the specific project requirements. DRAWINGS NOT TO BE MODIFIED OR SCALED to suite without approval. **DRAWINGS FOR INFORMATION ONLY**. Construction concept only which is applicable to any Stud size and Board type. The detail should be read in conjunction with Saint-Gobain current literature available on www.gyproc.co.za. Systems need to be built to full height from structural floor to structural soffit to achieve fire and acoustic performance.

Gyproc Extra-Height Wall System 150F120

		L/250 at 200Pa		L/125 at 200Pa		System Nominal Thickness	Framework Height	Cladding Height	Duty Rating	Deflection allowance
	120 min	Stud Spacing centres	Max Height	Stud Spacing centres	Max Height					
	-	300 mm	10800 mm	300 mm	13400 mm	240 mm	To underside of structural soffit	Full height	Severe	Project Specific
	83 kg/m²	400 mm	10200 mm	400 mm	12700 mm					
		600 mm	9600 mm	600 mm	11900 mm					

System Overview

Side 1 consisting of outer layer RhinoBoard® FireStop® 15 mm (1), middle layer (2) and inner layer RhinoBoard® FireStop® 15 mm (3). Side 2 consisting of outer layer RhinoBoard® FireStop® 15 mm (4), middle layer RhinoBoard® FireStop® 15 mm (5) and inner layer RhinoBoard® FireStop® 15 mm (6) (locally manufactured, ISO 9001 & 14001 certification, recycled paper content, Ecospecifier, Greentag level B listing, non-combustible to SANS 10177-5) fixed to both sides of the frameworks using Gyproc Jack-point Screws 25 mm (base layer), Gyproc Jack-point Screws 42 mm (middle layer) and Gyproc Jack-point Screws 60 mm (face layer) at maximum 220 mm centres. Board joints in different layers to be staggered. Horizontal joints to be staggered by at least 600 mm. Gypframe® UltraSTEEL® I-Studs 150 mm x 0.9 mm (7) (locally manufactured, recycled content, ISO 9001 & 14001 certification) friction fitted into top and bottom Gypframe® UltraSTEEL® Tracks 152 x 0.9 mm (8) at 600 mm centres. Floor and head tracks fixed with two lines of fixings (by others) staggered at 300 mm centres located not more than 25 mm from the track flanges and 150 mm from the ends of the track and any door openings. Install Gypframe® UltraSTEEL® C-Studs 150 mm x 0.9 mm at abutments, terminations, openings, T-junctions and corners. Fix Gypframe® UltraSTEEL® Fixing Strap 0.5 mm between face layer and middle layer to support horizontal edges of the face layer lining. Apply Gyproc RhinoTape® to all joints and internal corners. Install Gypframe® Corner Bead to all external corners. No insulation required. For Skimmed Finish: Cover entire drywall surface with 1 layer of Gyproc RhinoLite®. For Jointed finish: Cover Gyproc RhinoTape® with 2 coats of Gyproc RhinoGlide® (9) (locally manufactured). Apply sealant (supplied by others) between the building structure and the drywall framework. Bulk fill the gaps at the base of the drywall and any gaps exceeding 5 mm using Gyproc RhinoLite® or Gyproc RhinoGlide®.

System Details

Downloadable BIM files can be found at Saint-Gobain BIM Library: https://bimlibrary.saint-gobain.com