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GYPROC M-STRIP CEILING SYSTEM - CMS1901

Specifications 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. SPECIFICATIONS NOT TO BE MODIFIED to suite without approval. **SPECIFICATIONS FOR INFORMATION ONLY.** The specification should be read in conjunction with Saint-Gobain current literature available on www.gyproc.co.za.

Gyproc M-strip Ceiling System 6.4 mm - Gypframe® UltraSTEEL® Brandering

		NRC	Board/ Tile size (mm)	Soffit Type	Finish
Not Applicable	Unclassified	Not Applicable	1200 x 2400-3600	Tie beams/ Joists	M-Strip

System Overview

Install 1x RhinoBoard® 6.4 mm (locally manufactured, ISO 9001 & 14001 certification, recycled paper content, Greentag Level B) fixed to Gypframe® UltraSTEEL® Brandering spaced at 400 mm centers clipped onto Gyproc Suspension Brackets and fixed to tie beam/joist using one line of 2x Gyproc Grabber Screw 32 mm, Spot/cover all the screw heads using Gyproc Rhino Glide®. Maximum joist/tie beam spacing is 1200 mm. Branders are joined using brander joiners. Fixed using Gyproc Sharp-point Screws 25 mm at maximum 150 mm centres. Gypframe® UltraSTEEL® Brandering suspended using Gyproc Suspension Bracket at 1200 mm centres. Apply Gyproc® M-strip joints® to all joints. Wall Angle – Fix Gyproc Rhino Cove Cornice™ 75 mm. Install 135 mm thick flexible, non-combustible, lightweight Aerolite® insulation material between the roof trusses and over brandering/purlins in a completed roof and ceiling system. Install in accordance with the manufacturers detail and specification.

System Information

Energy Zone	1	2	3	4	5	5H	6	7
Isover Aerolite® thickness (mm)	**135**	**135**	**135**	**135**	**135**	**100**	**135**	**135**
R-value of Aerolite®	3.38	3.38	3.38	3.38	3.38	2.5	3.38	3.38
Min. required total R-value	3.7	3.7	3.7	3.7	3.7	2.7	3.7	3.7

Where required, for improved thermal and/or acoustic performance, lay Isover insulation (locally manufactured, non-combustible to SANS 10177-5, SABS Mark) onto the ceiling.
Thickess: 100 mm/ 135 mm (according to energy zone, see table above)