



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](http://www.gyproc.co.za).

## Gyproc Skimmed Ceiling System 12.5 mm - Timber Brandering

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

### System Overview

1x RhinoBoard® 12.5 mm (locally manufactured, ISO 9001 & 14001 certification, recycled paper content, Greentag Level B) fixed to Timber Brandering using Gyproc Grabber Screw 32 mm at maximum 150 mm centres. All joints should be staggered. Timber Brandering shall be spaced at 600 mm centres. Timber Brandering shall be suitably fixed to the joist/tie beam. Apply Gyproc RhinoTape® to all joints and internal corners. Install Gypframe® Corner Bead to all external corners. Cover Gyproc RhinoTape® with 1 layer of Gyproc RhinoLite® Multipurpose/ RhinoLite® Natural Plus®/ RhinoLite® CreteStone® (locally manufactured, Greentag Level B). Wall Angle – Fix Gyproc Plaster Trim 12.5 mm (locally manufactured) to the wall using fixings at 300 mm centres. 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)	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>100</b>	<b>135</b>	<b>135</b>
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.  
Thickness: 100 mm/ 135 mm (according to energy zone, see table above)