


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 Acoustic Ceiling System : Gyptone® Big Line 6 12.5 mm - Gypframe® D37/32K

	(aw)Absorption Coefficient/ NRC/Absorption Class -(inclusive of insulation)	Board/ Tile size (mm)	Soffit Type	Finish
Not Applicable	0.5-0.6 / 0.55 / Class D	1200 x 2400-3600	Concrete Flat slab	Jointed Finish

### System Overview

Gyptone® BIG Line 6 12.5 mm (ISO 9001 & 14001 certification) fixed to Gypframe® D32K Cross Tee (Locally manufactured, recycled content, ISO 9001 & 14001 certification) using Gyproc Sharp-point Screws 25 mm at maximum 150 mm centres. Gypframe® D37K Main Tee installed at 1200 mm centres and suspended using Gyproc Galvanised Angle 25 mm x 25 mm hangers at 1200 mm centres. Gypframe® D32K Cross Tee at 600 mm centres. Hanger to be maximum 400 mm from perimeter wall. Apply Gyproc RhinoTape® to all joints. Cover Gyproc RhinoTape® with 2 coats of Gyproc RhinoGlide® (locally manufactured, Greentag Level B). Install Gypframe® Corner Bead to all external corners. Gyproc Plaster Trim 12.5 mm (locally manufactured) to the wall using fixings at 300 mm centres. Install 50 mm thick non-combustible, lightweight Energylite Glasswool insulation blanket/batts for improved acoustic performance. 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

All Gyptone® boards and tiles have Activ'Air® technology.

**Acoustic:** Where required, for improved acoustic performance, lay Isover insulation (locally manufactured, non-combustible to SANS 10177-5, SABS Mark) onto the ceiling.

**Energylite** 25 mm/ 40 mm/ 50 mm as required.