


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 Acoustic Ceiling System: Fibrotone™ Fine Fissured 16 mm - 1200 mm x 600 mm GYPFRAME® T suspended with Gyproc Hanger Strap 19 mm or Gyproc Suspension Wire

	(aw)Absorption Coefficient/ NRC/Absorption Class -(inclusive of insulation)	Board/ Tile size (mm)	Soffit Type	Finish
Not Applicable	0.5 / 0.55 / Class D	1200 x 600	Concrete Flat slab	Ceiling Tiles

System Overview

Lay Fibrotone™ Fine Fissured Tiles (Size: 1200 mm x 600 mm. Thickness: 16 mm) into the framework. Install Gypframe® T Main Tees , suspended using Gyproc Hanger Strap/ Gyproc Suspension Wire at 1200 mm centres and fixed to the Main Tee web using 2 steel pop-rivets or one Gyproc Wafer-head Tek Screws 13 mm. Hangers to be at maximum 400 mm from perimeter wall. Install Gypframe® T Cross Tee (1200 mm long) at 600 mm c/c to create a 1200 mm x 600 mm ceiling grid. Install Gyproc Hold down clips per tile in areas susceptible to draught (2x per 1200 mm Cross Tee). Perimeter - Fix Gypframe® T Shadow Line Wall Angle to the wall using fixings at 300 mm centres. Fix Main Tee's to the wall using Gyproc Angle Cleats to ensure straight grid and stability.

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 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).

- Isover **Cavitybatt**: Thickness – 51 mm/ 63 mm/ 102 mm available.
- Isover **Factoryboard/ Factorylite**.

For improved acoustics, install Isover **Energylite**, Thickness – 25 mm/ 40 mm/ 50 mm available.