



Controls :



Heat



Cold



Sound



Fire

FAB Fabric Acoustic Board



FIBRETEX INDIA PVT. LTD.

[An ISO 9001:2015 Certified Company]

Creating an effective environment



FAB (Fabric Wrapped Acoustic Board)

Base Material	: Magnesite Binded Pine Wood Fibres.
Surface Finish	: Acoustical Fabric.
Size [in mm]	: 1220 x 610.
Thickness	: 20mm, 25mm
Density	: 400 kg/cuM
Edge	: Kerf 
Purpose	: Acoustic & Thermal Insulation
NRC	: 0.95 [as per IS: 8225 - 1987 equivalent to ISO 354 - 1985 & ASTM 423 - 90a]
Application	: Wall Paneling, Partitions
Installation	: 'H' Spline System 
Easy to	: Cut with circular saw or hand saw at site

Technical Data of Base Panel :

- Physical Strength : Regular in structure, Durable, Stable
- Suitability : Environment Friendly; Ineffective to Fungus, Termites & Insects, suitable for Sound Biological Construction.
- Fire tests : tested by CBRI Roorkee, Uttrakhand.
- Ignitability : BS 476 Part 5 - 'P' not easily ignitable
- Fire Propagation : BS 476 Part 6 - Index 'I' = 4.11
- Surface Spread of flame : BS 476 Part 7- Class 1
- Non Combustibility : ISO 1182 - Avg. mass loss = 52.27%

Thermal Conductivity, k = 0.065 W/mK

Weathering Test : Tested y SIIR, Delhi. 'NO delamination and Damage observed after the Test as per IS 9307

Conforms to : IS 3308



Sustainable



Durable



Environment Friendly

FAB 25

S. No.	Frequency	125	250	500	1000	2000	4000	8000	NRC
1	With 50mm air Gap	0.31	0.31	1.07	1.01	0.76	1.03	0.98	0.80
2	With 50mm 600 GSM Polyfibre	0.39	0.59	1.34	1.05	0.82	1.00	1.03	0.95

Specification

Providing & fixing Magnesite Binded Fibrecrete Acoustic Panels made of Pine Wood Fibre 25mm thick 1220mm x 610mm FAB Kerf Edge, inserted in PVC channel 'H' Spline. 'H' Spline to be Screw fixed @ 200mm vertically/ horizontally @ 610mm c/c on GI metal frame of 50 x 50mm comprising of Floor & Stud Channel making a grid of 610 x 610mm c/c. The frame is to be made in proper line after leveling. The panels will be backed with 50mm Effusio wool 500 GSM inserted inside the grid of 610 x 610mm which in total will comprise of minimum NRC 0.95 as per IS: 8225/ ISO: 354/ ASTM: 423 - 90 a. Acoustic Panel base material should meet the Stringent Fire test requirement having Class 'P' rating for Ignitability test as per BS 476 part 5; Fire Propagation index, I = 4.11 [lower the better] as per BS 476 part 6 and Class 'I' rating as per BS 476 part 7 for Surface Spread of Flame test. Class 'P' and Class 'I' are the highest rating. All joints of the tiles must in perfect line and level.

