

# ACOUSTICAL WALL PANELLING SYSTEM

Providing and fixing of 68mm thick wall panel system using fiberfill acoustic mat finish panel 9mm thick @ 200kg/m<sup>3</sup> density with Class A fire rating as per ASTM E 84 & thermal conductivity 0.034w/mk with desired acoustic management 0.85 NRC. The G.I. frame of thickness 0.50 consists of GI metal stud frame of size 50mm having one flange of 41mm and other of 44mm placed @ every 600 mm c/c in vertical direction. The floor and ceiling channels are fixed to floor and soffit using fasteners at every 600mm c/c. A horizontal frame section is placed at every 600 or 1200mm c/c. The Polyester wadding of thickness 50mm and density 48Kg/m<sup>3</sup> is fixed in between the studs enact with chicken mess. On outer side one layer of 9mm perforated water proof lumber board is screwed. These boards are joined using “type S” Self tapping SS W 25 / 3.5 x 25mm corrosion resistant drywall steel screws spaced at 200mm centres on all joints and 300mm centres in the field of boards. Screw fixing is done mechanically. These boards are perforated ensuring min. 50% area is perforated. Finally 9mm thick fiberfill acoustic panels are pasted on top of lumber board (using any acrylic adhesive such as fevicol SR998 or hot melt adhesive) of the board as per design of the architect. The entire system should eco-friendly, 100% recyclable & toxic free.



## FIBERFILL

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S.NO	DESCRIPTION	SPECIFICATION
1	CORE	POLYESTER FIBER
2	SIZE	1200X2400 MM OR CUSTOMIZED
3	THICKNESS	9/10/12 MM
4	DENSITY	135 - 200 KG/M <sup>3</sup>
5	NRC	0.70 - 0.85
6	THERMAL CONDUCTIVITY	0.034 W/MK
7	ENVIRONMENT	100% RECYCLABLE
8	FIRE CLASS	BS 476

In case of any further queries, please do reach out us at [care@anakan.in](mailto:care@anakan.in)

Thanking you,  
For ANAKON INDIA

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## ANAKON INDIA

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