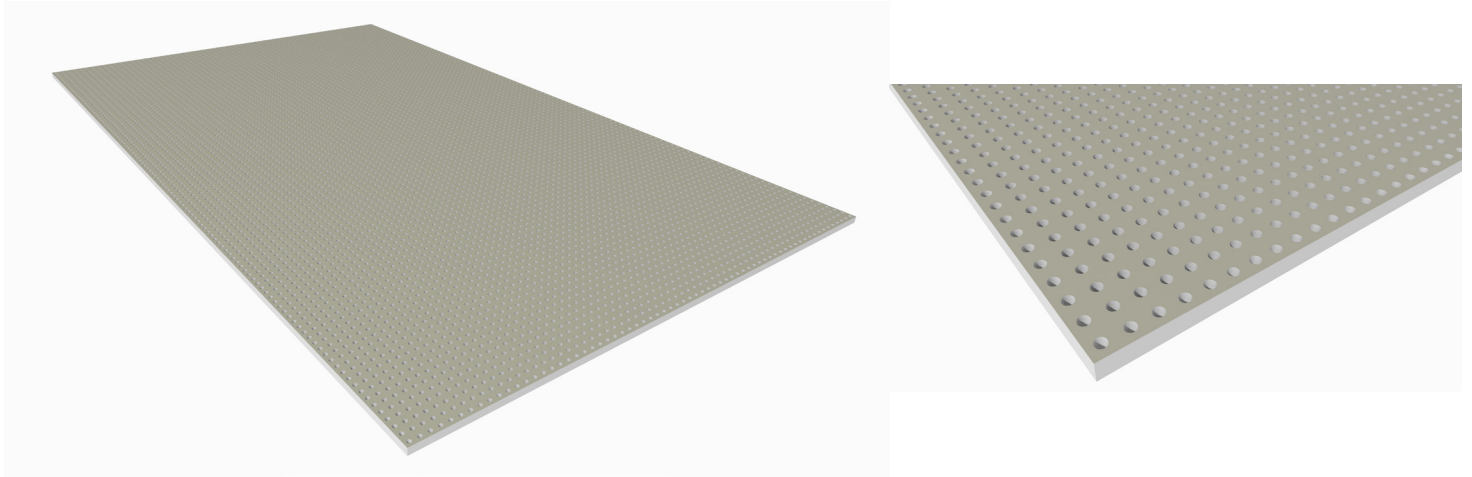


Description : Rigitone Activ'Air 6/18 board



### Characteristics :

Rigitone Activ'Air 6/18 board comprises a 12.5mm gypsum core with glassfibre reinforced material, end to end regular round perforation of 6mm diameter. The reverse of the board incorporates an acoustic fleece which provides sound absorption performance. It is a specially formulated Gypsum board with Activ'Air® technology. Activ'Air® technology makes ambient air healthier.

### Physical Properties :

Thickness	: 12.5mm
Width	: 1188mm
Length	: 1998mm
Weight	: Approx. 10Kg/M2
Perforation Size	: 6mm diameter
Perforation Spacing	: 18mm c/c
Perforation Area	: 8.7%
Edge Type	: All 4 Square Edge (SE)
Surface Finish	: Unpainted paper liner (Has to be painted with an emulsion paint after installation)

**Prepared by**  
Sunilkumar Yadav

**Approved by**  
Shailendra Shinde

NRC :

Sr. No.	System	Practical Sound Absorption Coefficient ( $\alpha_p$ )						NRC
		125	250	500	1000	2000	4000	
1	Rigitone Activ'Air 6/18 board + 50mm Plenum Depth and no Glasswool *	0.15	0.35	0.70	0.75	0.55	0.45	0.55
2	Rigitone Activ'Air 6/18 board + 50mm Plenum Depth and 50mm GW (20Kg/M3) *	0.45	0.60	0.60	0.55	0.50	0.55	0.55
3	Rigitone Activ'Air 6/18 board + 200mm Plenum Depth and no Glasswool	0.30	0.70	0.75	0.60	0.45	0.30	0.60
4	Rigitone Activ'Air 6/18 board + 200mm Plenum Depth and 50mm GW (20Kg/M3)	0.50	0.55	0.50	0.55	0.55	0.60	0.55
5	Rigitone Activ'Air 6/18 board + 400mm Plenum Depth and 50mm GW (20Kg/M3)	0.50	0.50	0.55	0.60	0.55	0.60	0.55

\*Recommended for Wall lining application.

