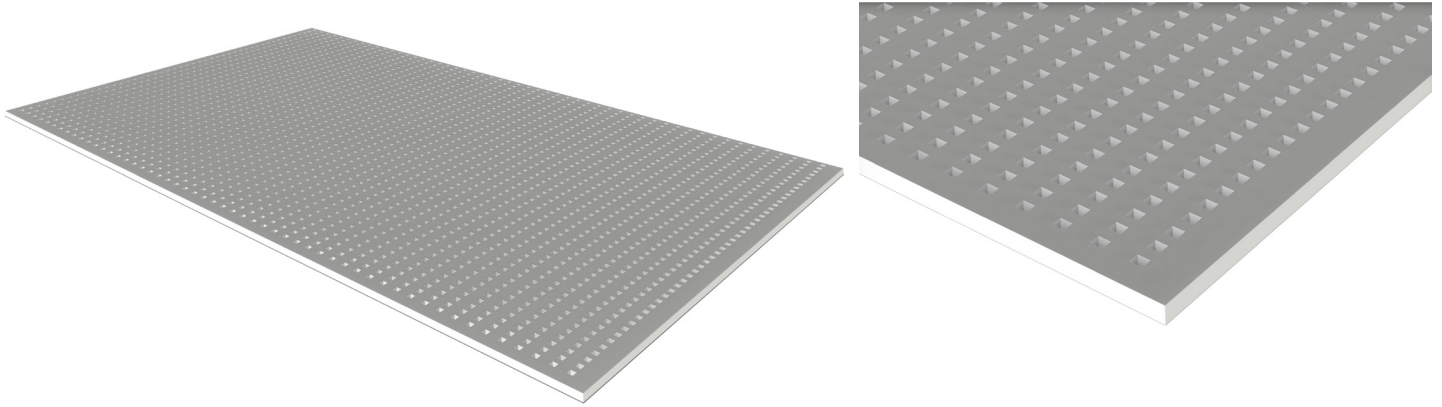


Description : Rigitone® Activ'Air 12/25Q Board



### Characteristics :

Rigitone® Activ'Air 12/25Q board comprises a 12.5mm gypsum core with glassfibre reinforced material, end to end regular square perforation of 12mm at CTC of 25mm. 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	: 1200mm
Length	: 2000mm
Perforation Size	: (12x12) mm Square
Perforation Spacing	: 25mm c/c
Perforation Area	: 23%
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 ( $\alpha_p$ )						$\alpha_w$	NRC
		125	250	500	1000	2000	4000		
1	Rigitone Activ'Air 12/25 Q + 50mm Plenum Depth and no Glasswool *	0.10	0.30	0.65	0.90	0.80	0.60	0.60 (M)	0.65
2	Rigitone Activ'Air 12/25 Q + 50mm Plenum Depth and 50mm GW (20Kg/M3) *	0.35	0.75	0.90	0.90	0.80	0.80	0.90	0.85
3	Rigitone Activ'Air 12/25 Q + 200mm Plenum Depth and no Glasswool	0.35	0.75	0.90	0.70	0.65	0.50	0.65 (M)	0.70
4	Rigitone Activ'Air 12/25 Q + 200mm Plenum Depth and 50mm GW (20Kg/M3)	0.70	0.85	0.85	0.90	0.85	0.90	0.90	0.90
5	Rigitone Activ'Air 12/25 Q + 400mm Plenum Depth and 50mm GW (20Kg/M3)	0.70	0.75	0.80	0.95	0.90	0.95	0.90	0.85

\*Recommended for Wall lining application.

