

RIGITONE® 12-20-35

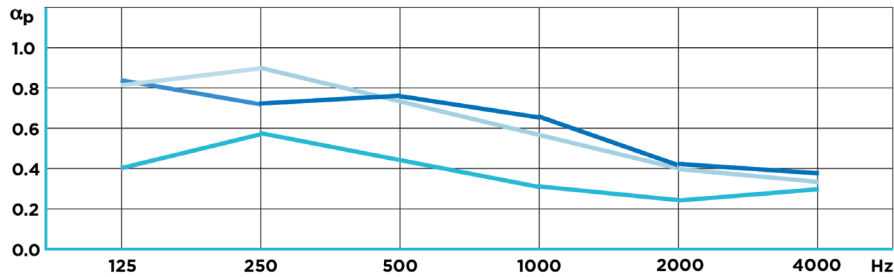
1200 X 2000 MM

Designer Series

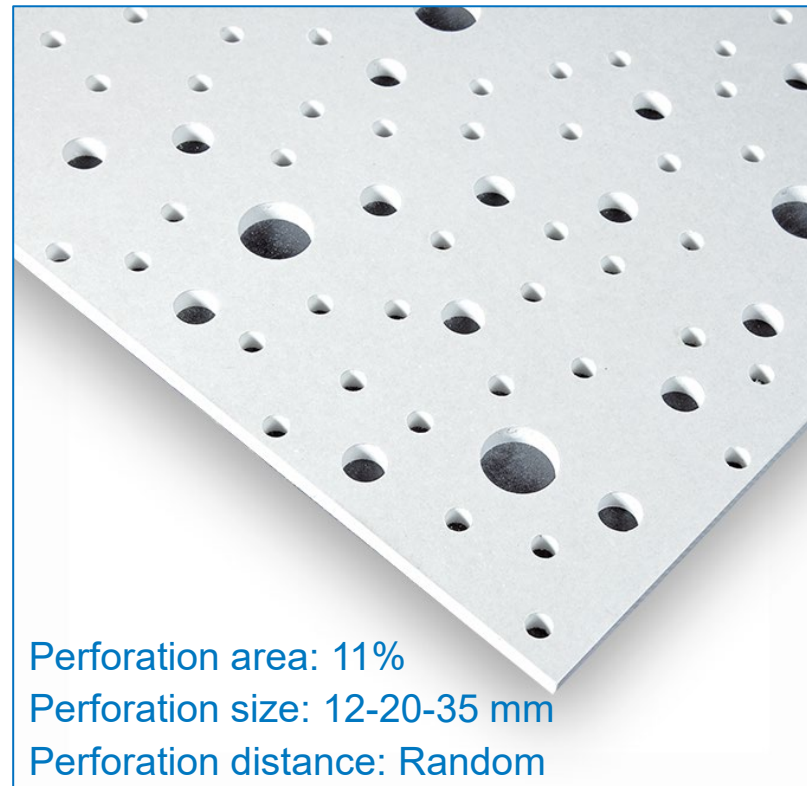
Sound Absorption

Acoustics

Practical absorption coefficient α_p



Suspension distance	Mineral Wool	Frequency							α_w value	NRC value	Absorption class
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz				
200 mm	-	0.41	0.56	0.46	0.31	0.27	0.29	0.30	0.40	D	
200 mm	50 mm	0.81	0.86	0.75	0.59	0.41	0.34	0.45	0.65	D	
400 mm	50 mm	0.83	0.72	0.75	0.63	0.43	0.37	0.50	0.60	D	



Perforation Details

Perforation Area

The combined area of all perforations divided by the total surface area (measured in %)

Perforation Size

The diameter of the individual perforations

Perforation Distance

The spacing between of the perforations, center to center