

RIGITONE® 6/18

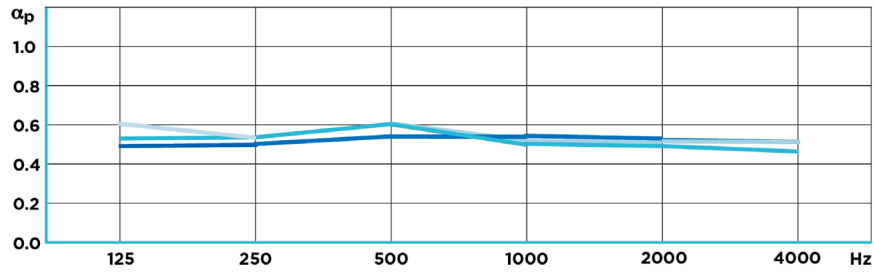
1188 X 1998 MM

Designer Series

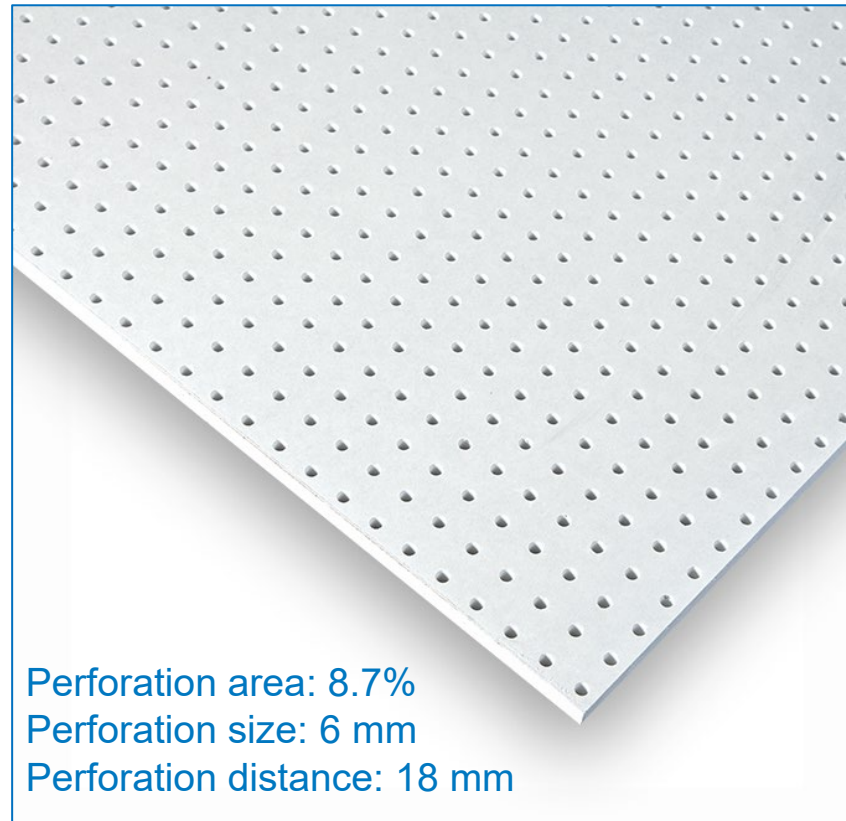
Sound Absorption

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	-	0.55	0.54	0.59	0.53	0.50	0.46	0.55	0.55	D	
200 mm	50 mm	0.61	0.54	0.59	0.56	0.51	0.53	0.55	0.55	D	
400 mm	50 mm	0.50	0.51	0.56	0.57	0.54	0.53	0.55	0.55	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