

# RIGITONE® 12/25

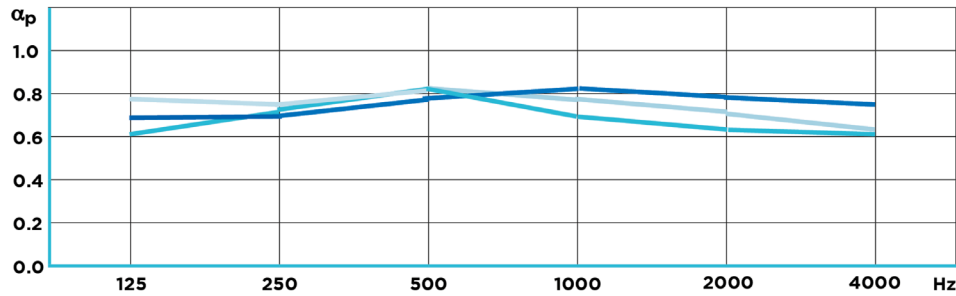
1200 X 2000 MM

Designer Series

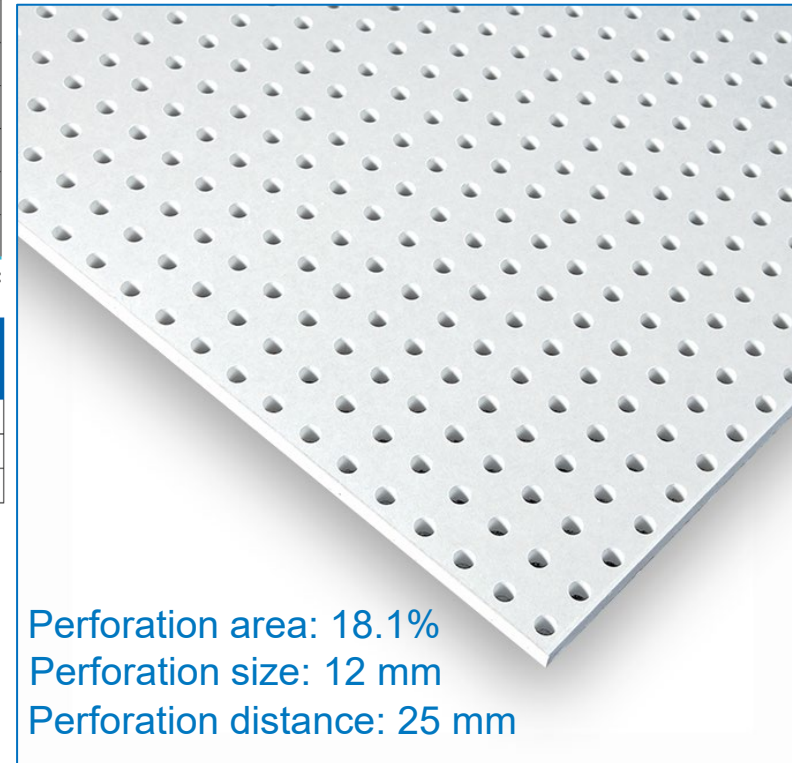
## Sound Absorption

### Acoustics

Practical absorption coefficient  $\alpha_p$



Suspension distance	Mineral Wool	Frequency							$\alpha_w$ value	NRC value	Absorption class
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz				
200 mm	-	0.61	0.71	0.82	0.68	0.63	0.60	0.70	0.75	C	
200 mm	50 mm	0.78	0.76	0.81	0.79	0.74	0.64	0.80	0.80	B	
400 mm	50 mm	0.70	0.68	0.77	0.81	0.79	0.74	0.80	0.75	B	



## 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