

# RIGITONE® 10/23

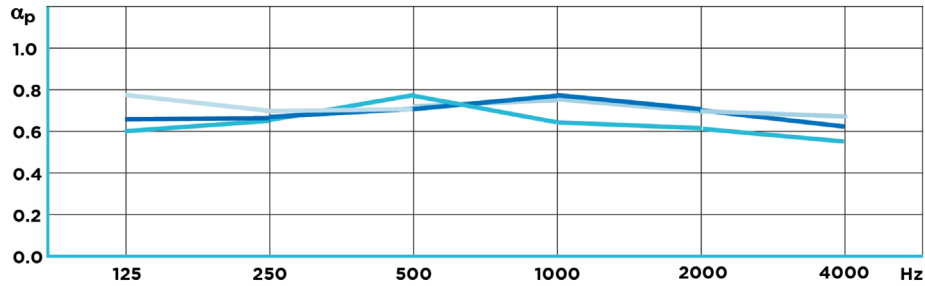
1196 X 2001 MM

Designer Series

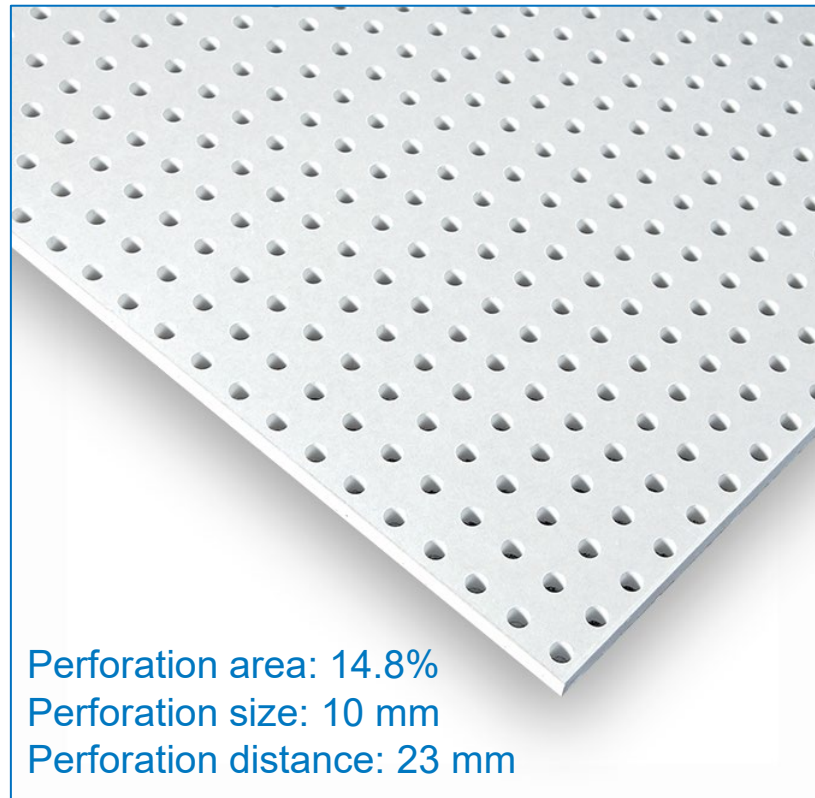
## Sound Absorption

### 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	0.65	0.77	0.65	0.61	0.57	0.65	0.70	C
200 mm	50 mm	0.74	0.70	0.74	0.73	0.68	0.66	0.75	0.75	C
400 mm	50 mm	0.65	0.64	0.73	0.75	0.70	0.63	0.75	0.70	C



## 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