

# Acoustic Tiles



## TECHNICAL INFORMATION

### **Plano Bevel.**

Flat profile, adherable noise absorbent panel

#### Applications:

Adhered to walls (above 1.8m in high traffic areas) and ceilings in commercial, industrial, corporate, pro audio, domestic, sport and leisure, broadcast and other high reverberation applications.

Raw material: Melamine foam.

Color: White or pale grey.

Density: 10 (+/- 1 kg) per cubic metre

Life expectancy: Under normal interior conditions: 12-14 years, high humidity: 7-11 years.

Sheet sizes: 1250mm x 625mm x 50mm    625 x 625 x 50mm  
1250mm x 625mm x 38mm    625 x 625 x 38mm

#### AS1530.3

According to AS 1530.3, performance statistics are as follows:

Regulatory indices:	Ignitability index:	0
	Spread of flame index:	0
	Heat evolved index:	0
	Smoke developed index:	3

#### UV resistance:

Basf melamine foam is tested to UV resistance, test result, after 2 days with direct UV impact of 300 to 830 nm, there is no damage to the material.

#### Resistance against micro-organism

The melamine foam is resistant to micro-organism according to DIN 53 739, this means melamine foam is resistant against the growth of micro-organism. The material contains no sustenance for fungus and bacteria.

#### Acoustic absorption statistics Plano bevel.

<b>Plano: Direct fixed.</b>		<b>125 Hz</b>	<b>250 Hz</b>	<b>500 Hz</b>	<b>1000 Hz</b>	<b>2000 Hz</b>	<b>4000 Hz</b>
38 mm	NRC: .81	0.12	0.44	0.87	0.96	0.97	0.97
50 mm	NRC: .95	0.25	0.63	1.06	1.08	1.05	1.01
*80 mm	NRC: 1.16	0.44	1.11	1.30	1.15	1.08	1.05

\*special order only

#### Installation method:

Installed to most common substrates via standard construction adhesives such as liquid nails (water based recommended) or all purpose silicone. Product is easily cut. And no special tools or equipment are required.

**There are no known health and safety or environmental issues with the transport, storage or handling of this product.**

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SOLVING YOUR NOISE PROBLEMS