

ACOUSTIC PANELS

Acoustic Panels can be installed to increase the absorption coefficient of surfaces: The intention is to reduce the sound-reflecting properties of surfaces. Thicker panels offer increased absorption and higher performance at low frequency. The panels can be individually mounted, or a framing system can be used to efficiently line large surfaces.

Typical Applications:

- Plant Room Lining
- Behind plant items mounted close to walls

Options

Panels can be ordered with pre-drilled flanges for mounting individually, or a framing system can be used for supporting multiple panels.

Galvanised Steel or Aluminium construction available.
 Polyester Powder coated (PPC) to any standard RAL colour (RAL xxxx).

Acoustic Performance

Octave band C frequency	63	125	250	500	1k	2k	4k	8k
Transmission Loss (dB): 50mm Panel	14	15	21	33	42	52	61	60
Transmission Loss (dB): 100mm Panel	20	21	27	39	48	58	67	66

Absorption Coefficients

Octave band C frequency	63	125	250	500	1k	2k	4k	8k
Absorption coefficient: 50mm Panel								
Absorption coefficient: 100mm Panel		0.89	1.2	1.16	1.09	1.01	1.03	0.93

Specification

Panel frame and outer face manufactured from sheet metal. Internal face manufactured from perforated sheet metal with an inert, acoustically absorptive infill.
 Nominal weight of panel: Steel 20kg/m², Aluminium 15kg/m²

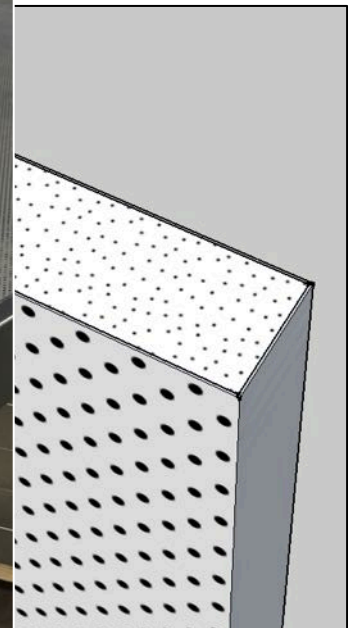
Ordering

All Panels are made to order.

Panels are manufactured to standard sheet metal tolerances of $\pm 2\text{mm}$.

Dimensions listed on a Certified Dimension Schedule are as manufactured.

Flanges, cleats, supporting steelwork, framing, flashing, mastic or other such items are not included unless specified.



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