

DecraLite

ACOUSTIC WALL PANELS



Product Description & Applications

DecraLite™ Acoustic Panels are part of the Decra Acoustics range of internal noise control systems. The DecraLite range of fabric-covered wall & ceiling panels are designed to provide interior decorative design flexibility while significantly improving the sound quality of internal spaces by controlling reverberation.

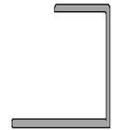
Features & Benefits

Excellent sound absorption

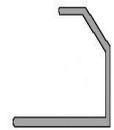
- Fabric finish
- High light reflectance (standard finish is flat white)
- Humidity & moisture resistant
- Choice of edge treatments
- Fire resistant (Class A ATSM E84)
- Lightweight (approx. 4.0kg/m² for 40mm thick panel)

Available Edge Profiles

Square Edge Profile



Chamfered Edge Profile



Round Edge Profile



Sound Absorption

SOUND ABSORPTION AT CENTRE FREQUENCIES (Hertz) SHOWN BELOW:

PANEL THICKNESS	125	250	500	100	2000	4000	N.R.C.
25mm	0.15	0.55	1.00	0.95	0.95	0.95	0.85
50mm	0.26	0.71	1.03	1.11	1.09	1.03	1.00
75mm	0.50	1.05	1.05	1.00	1.05	1.00	1.05

The higher the Sound Absorption figure the better the result. As an example, an NRC (Noise Reduction Co-efficient) of 0.85 equates to up to 85% of the sound striking the panel being absorbed. For specifying project work it is recommended that an acoustic engineer be consulted.

DecraSorb Acoustic Wall Panels have been tested in approved acoustic laboratories.



Product Specifications

Length x Width	600x600mm 1200x600mm 1800x600mm 2400x600mm 2700x600mm 1200x1200mm
Thickness	25mm,50mm
Absorption Coefficient	> 0.9 NRC
Moisture Absorption	< 0.7%

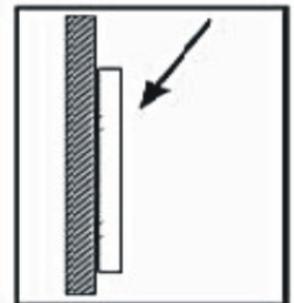
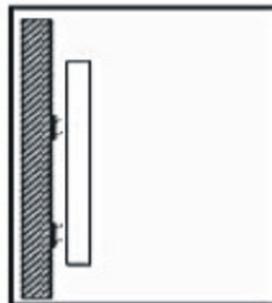
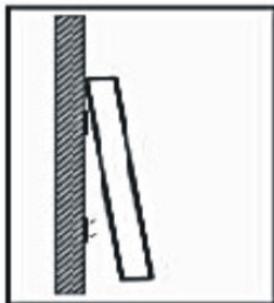
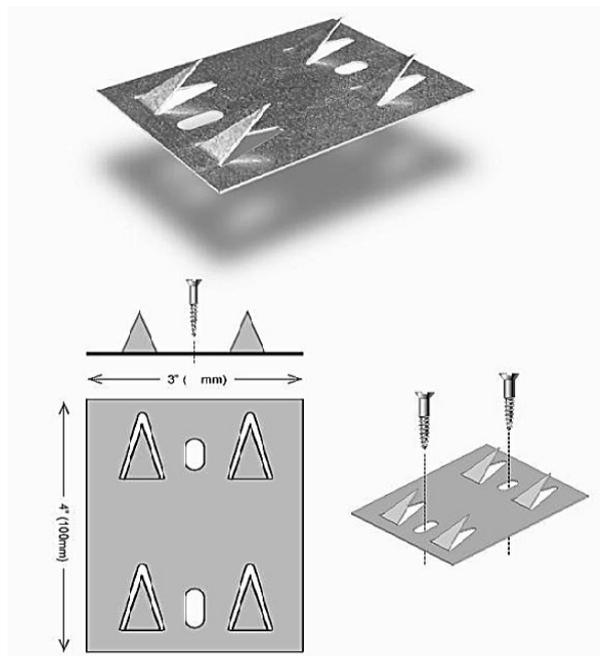
Wall Mounts™ Fixing System

DecraLite Wall Mounts (pictured opposite) provide the installer with a simple method of fixing DecraLite Wall Panel to the most interior wall surfaces.

The Wall Mount units can be fixed to the wall with mechanical fixings such as screws, and the panel can then be secured (impaled), as in the four-step procedure shown in the diagrams below.

.Wall Mounting

Mark a straight horizontal line on the wall to line up the top or bottom edge of panels. Place top edge on this set out line. Carefully swing bottom edge to meet spike points. With the panel resting on the spike, apply pressure in towards wall and downwards to fully impale the panels, as shown below. Please contact your DecraLite Acoustic Panel Distributor for further information.



Available From

Decra Acoustic Products

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