Decracoustic

Just Sounds Better

DecraSorb

FABRIC ACOUSTIC ABSORBER PANELS

DecraSorb™ Acoustic Panels are constructed from high performance sound absorbing materials covered with decorative acoustic fabric, an MDF frame and backing, and include an impact resistant acoustic membrane under the fabric facing. DecraSorb Acoustic Panels are designed for installation in spaces to Noise and improve sound quality. The panels can be installed onto any interior Wall or ceiling surface with a fixing system that is included with each panel.
By incorporating DecraSorb Acoustic Wall Panels into the design of an interior space reflected sound (reverberation) can be reduced, and sound clarity for speech, music, etc, can be enhanced as a result.

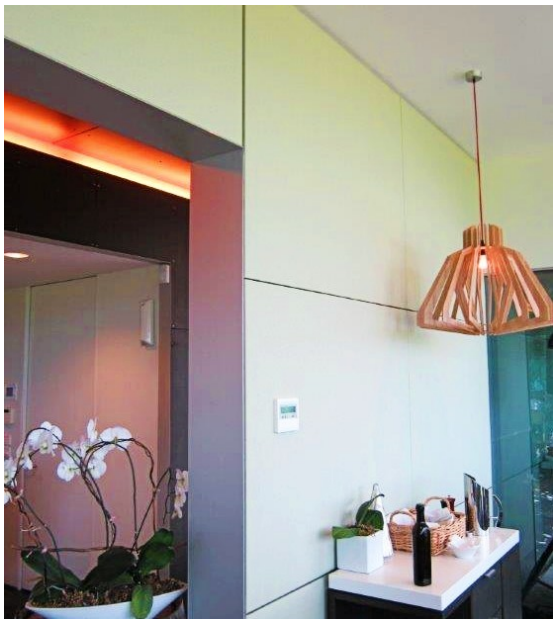
Decrasorb Acoustic Panel Features

- Decorative Acoustic Absorber Panels that reduce reflected noise and unwanted sound across all hearing frequencies.
- Available in a huge range of fashionable screen fabrics to enhance any interior décor.
- Fabric wraps around all edges
- Fabric facing can be digitally printed if required
- All Decrasorb components have low VOC content. Most have a substantial recycled raw material content.

Suitable for “Greenstar” and LEED” environmental rating programs for commercial interiors

Typical Applications

- Education & Community: Halls, Schools, Community Centres, Lecture Theatres.
- Commercial Premises: Boardrooms, Meeting Rooms, Offices, Communications Rooms, Lobbies.
- Hospitality & Tourism: Hotels, Function Centres, Restuarants, Performance Spaces.
  Sports & Public Spaces: Gyms, Shopping Centres,



Installation

It is recommended that DecraSorb Acoustic Wall Panels be installed using an aluminium 'split batten' fixing system. One section of this system is screwed to the back of the panel. (In most cases panels are supplied with this component already in place). The other batten section (also supplied with the panels) is fixed to the wall with screws or toggle bolts depending on the wall lining material and its construction. Using this batten system results in an airspace behind the panels of approx. 6mm.

The split batten installation system results in time and costs savings of up to 50% when compared to other methods.

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.

Standard Panel Dimensions

THICKNESSES	SIZES
25, 50, 75, 100, 125	1200 X 600, 1200 X 1200, 2400 X 1200mm Other sizes available on a request basis

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