

DecraSorb™

Fabric Covered Acoustic Wall Panels



Product Description

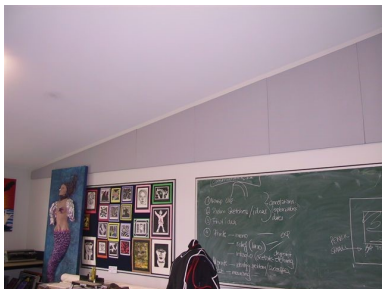
DecraSorb Acoustic Wall Panels are designed to be installed on walls of public places to reduce reverberation and Improve sound quality. DecraSorb Acoustic Wall Panels are constructed of a sound absorbing insulation and covered with a designer fabric which will enhance the décor of the room. By incorporating DecraSorb Acoustic Wall Panels into the design of a room the sound clarity can be enhanced by reducing reverberation.

DecraSorb Acoustic Wall Panels have a timber frame and include an acoustic membrane which improves the acoustic performance and creates an high impact resistant facing. The panels are installed on the wall with a direct fix split batten system that is included with each panel. Typical applications include: Gymnasiums Audio Rooms, Schools, Churches and Community Centres.

Finishes

DecraSorb Acoustic Wall Acoustic Panels are available in a wide range of designer fabric finishes. These are available from major International fabric suppliers.

To check for suitability of fabrics contact the DecraSound distributor office to discuss or organise a sample



Reduce Noise
in School
Classrooms



Reduce Noise
in Multi Purpose
Halls



Available in Printed
Panels for Home The-
atre

Fixing System



DecraSorb Acoustic Wall Panels are installed on walls using the unique aluminium 'split batten' fixing system .

The Fixing channel is to be applied to the back of the panel and by fixing the wall bracket with either screw or toggle bolts the panels are installed with a 6mm airspace. Using this method installation time and costs can be reduced by 50% when compared to traditional methods.

Sound Absorption

DecraSorb Acoustic Wall Panels have been tested and have achieved a Noise Reduction Coefficient (N.R.C.) of 0.95 . This results in up to 95% of the sound striking the panel being absorbed. For specific requirements please consult an acoustic consultant. Test results for other thicknesses of panels are available on request.

	Sound Absorption Coefficients Reverberation room method (Hz)						
Thickness	125	250	500	1000	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

Physical Dimensions

Thickness (mm)	Size (mm)	Facings
25, 50, 75, 100, 125	1200 X 600 , 1200 X 1200, 2400 X 1200 Other sizes available on a request basis	A wide range of finishes are available from most leading fabric companies

Available From

Decra Acoustic Products

Head Office
4909 Whitmore Pond Lane, Charlotte
28270, NC
Web: www.decra-acoustic.com
p: 0019803379580
mail: sales@decra-acoustic.com