

DecraSound Acoustic Solutions, Exciting Designs



Decra Printed Acoustic Wall Panels

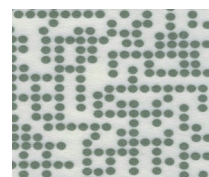
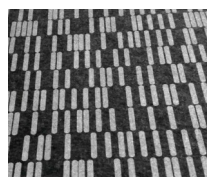
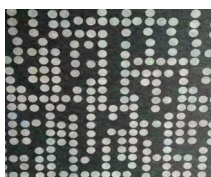
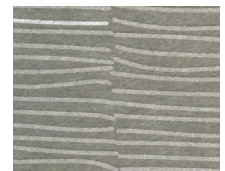
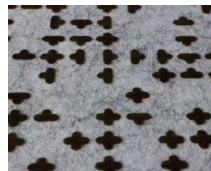
Acoustiscreen Printed Polyester Panels are designed to provide maximum decorative design flexibility while at the same time significantly improving the sound quality of internal spaces by minimising reverberation. The Acoustiscreen range provide both colour and acoustic control and offers the advantage of creating additional pinable space. Our polyester panels are ideal for absorbing the sound in classrooms, commercial premises and multipurpose rooms.

Features & Benefits

- Enhance the interior styling of a space with our extensive colour palette.
- Environmentally friendly noise control solution.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- Fire rated to Australian, European and American Standards: Group 1 Fire Rating AS5637 ISO9705, ASTM E84 Class A, EN 13501-1:2007 +A1:2009 Class B
- Outstanding quality and excellent acoustic performance.

Range of colours and patterns

Speak to our acoustic specialists for a full range of patterns and colours.



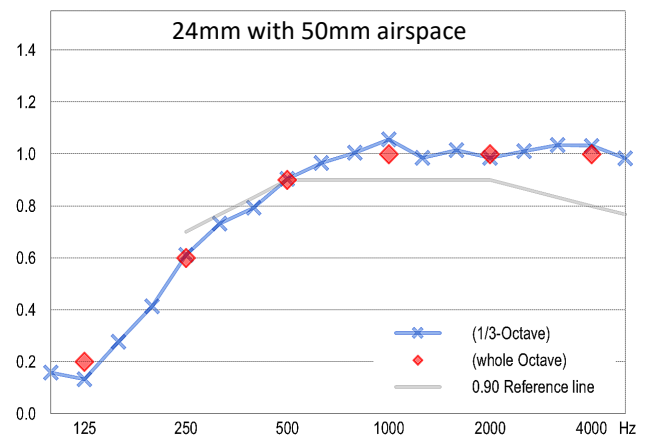
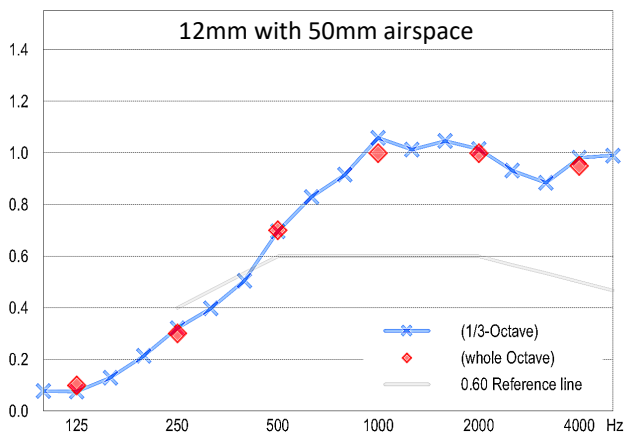
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Acoustic Performance

Thickness (mm)	(Frequency Hz)							NRC	SAA	α_w	Report Number
	125	250	500	1000	2000	4000					
12mm no airgap	0.05	0.10	0.20	0.60	0.90	1.05	0.45	0.44	0.25 (MH)	AC370-01	
24mm no air gap	0.05	0.30	0.70	0.95	1.00	1.05	0.75	0.74	0.60 (MH)	AC370-02	
12mm 50mm air gap	0.10	0.30	0.70	1.00	1.00	0.95	0.80	0.75	0.60 (MH)	AC370-04	
24mm 50mm air gap	0.20	0.60	0.90	1.00	1.00	1.00	0.90	0.87	0.90 (MH)	AC370-03	

Notes:

- Tests conducted at CSIRO Melbourne Australia.
- The table shows the Practical sound absorption coefficients calculated according to ISO 11654 (note: values greater than 1.00 have not been maximised to 1.00 as required by ISO 11654 to calculate the α_w).
- The Weighted sound absorption coefficient (α_w) was calculated according to ISO 11654. It is strongly recommended to use this single-number rating in combination with the complete sound absorption coefficient curve that can be obtained on request.
- The SAA (Sound Absorption Average) and the Noise Reduction Coefficient (NRC) have been calculated according to ASTM C423.
- The chart shows the third octave sound absorption coefficients measured according to ISO 354. Practical sound absorption coefficients denoted by



Product Specifications

- Common Panel Sizes:** 1220 x 2440
- Thickness:** Standard is 12 however 24 and 48mm thicknesses can be supplied on request.
- Nominal Weight:** 2.4kg/m² at 12mm thick
- Composition:** 100% PET, approx. 75% recycled content.

For more information visit www.decrasound.com or contact Sontext or an Authorized Distributor



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