

DecraSound
Acoustic Solutions,
Exciting Designs



Acoustiscreen PET Polyester Hanging Acoustic Panels

Acoustiscreen Polyester Hanging Screens 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 Polyester Hanging Screens range provides both colour and perforated patterns acoustic control. Our Acoustiscreen Polyester Hanging Screens are available in up to 43 colours and more than 50 patterns. Hanging screens are suitable for Classrooms, commercial premises and multiuse rooms.

Features & Benefits

- Outstanding quality and excellent acoustic performance..
- Panels are easy to cut and modify.
- Modernise the look of a room with our extensive colour palette.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- Fire Rated to American Standards. Group ASTM E84 Class A,
- Lightweight (approx. 2.4kg/m² for 12mm thick panel) and easy to install. Hanging kit included
- Available in 50 standard pre-cut patterns

Product Specifications

Common Panel Sizes: 1200 x 2400mm, 1200 x 600mm, 2400 x 600 mm, 1200 x 1200mm

Thickness: Standard is 12mm and 24mm others available on request.

Nominal Weight: 2.4kg/m² at 12mm thick

Composition: 100% PET, approx. 75% recycled content.

Physical Description on: Non-woven Rigid Compressed Fibrous Board

Environmental: Non-toxic, odourless, low VOC, E0 EN717-1:2004

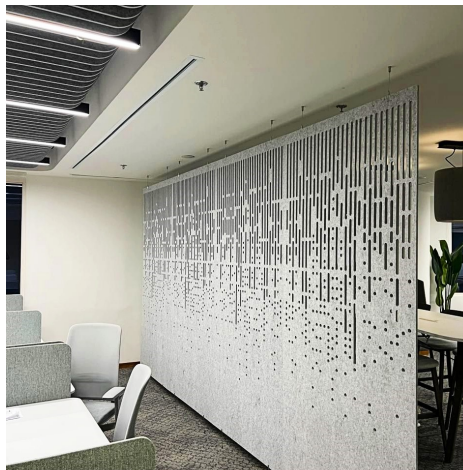
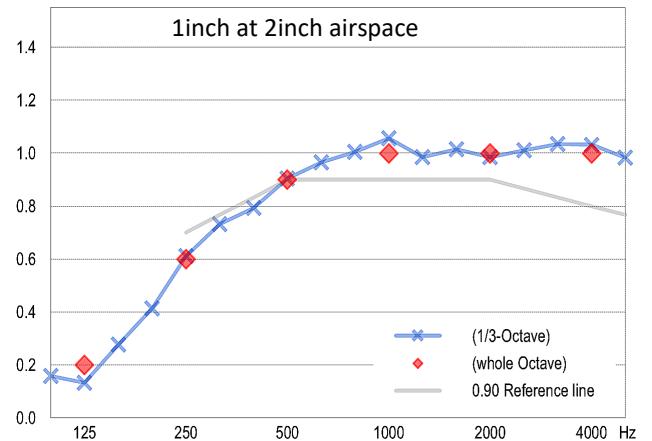
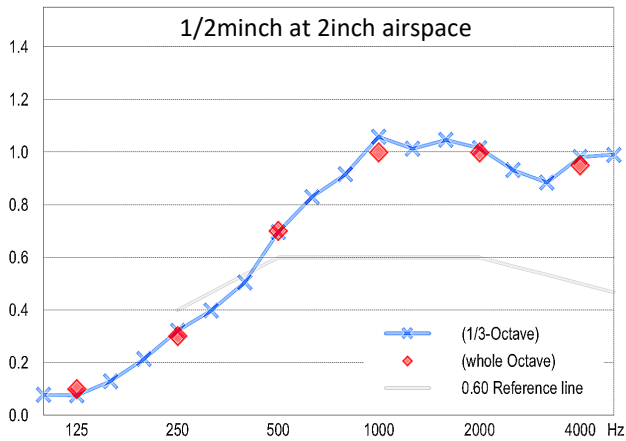
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Acoustic Performance

Thickness (mm)	(Frequency Hz)							NRC	SAA	α_w	Report Number
	125	250	500	1000	2000	4000					
1/2 in no airgap	0.05	0.10	0.20	0.60	0.90	1.05	0.45	0.44	0.25 (MH)	AC370-01	
1inch no air gap	0.05	0.30	0.70	0.95	1.00	1.05	0.75	0.74	0.60 (MH)	AC370-02	
1/2 at 2inch air gap	0.10	0.30	0.70	1.00	1.00	0.95	0.80	0.75	0.60 (MH)	AC370-04	
1in at 2inch 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



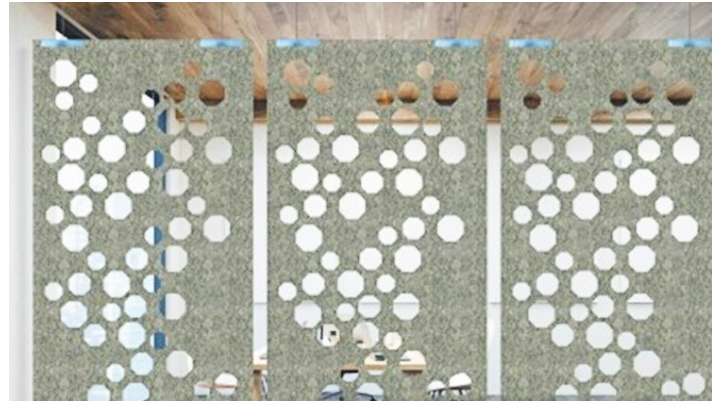
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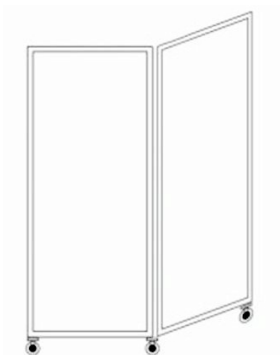
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Fixing system options

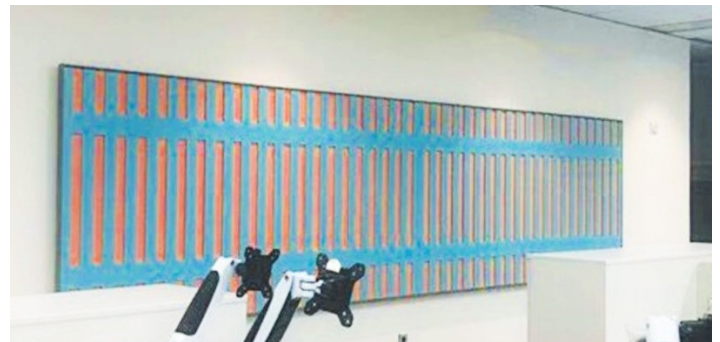
Hanging –Hanging kits included



Free standing or mobile on wheels



Wall mounted—with backing panel and frame

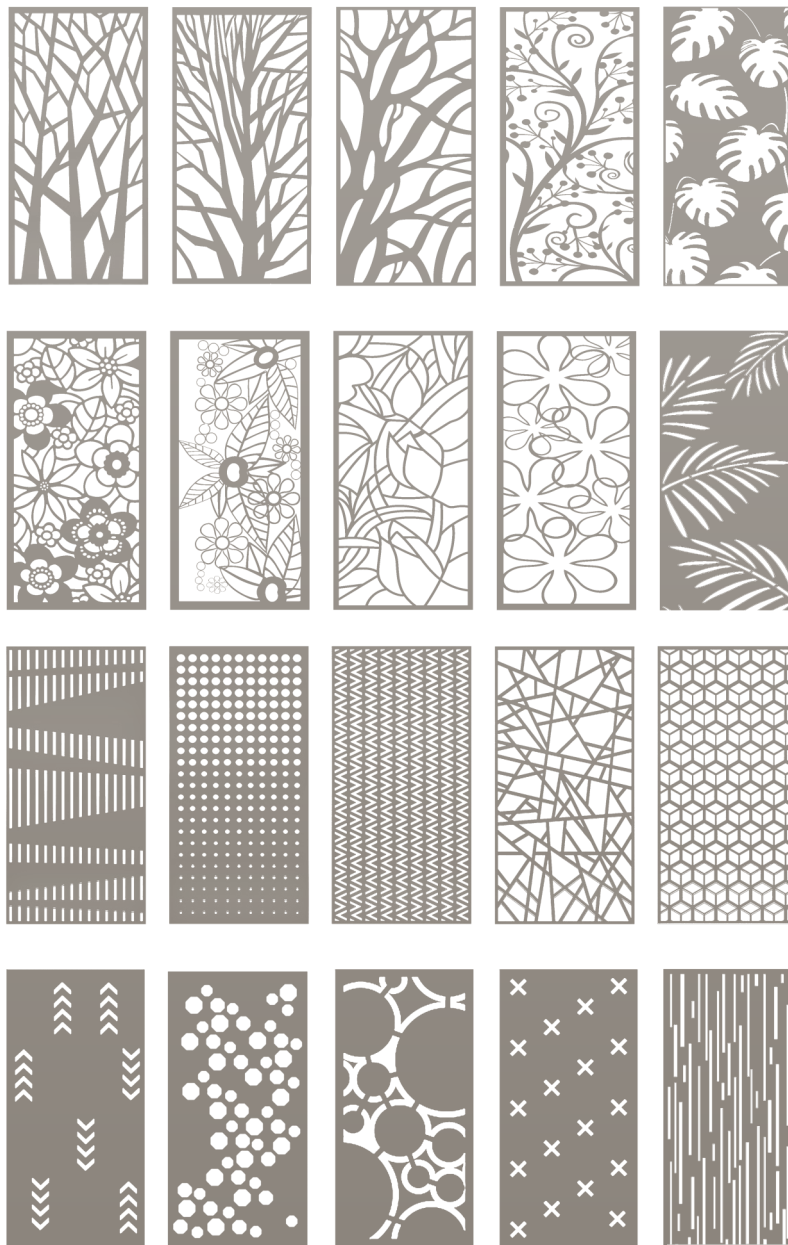


Acoustiscreen Polyester Hanging Screens are available in either hanging, mobile or wall mounted options. This is to maximise the privacy and the acoustic benefit of the screens.

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Patterned Patterns

Acoustiscreen Patterned Hanging Screens are available in over 50 standard patterns, an example of the range available as below. For additional designs please contact Sontext or your local distributor. If you have a custom pattern we can make this for you but confirmation would need to be sought from your local office.



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



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