

The logo for DecraSound, featuring the brand name in a bold, blue, sans-serif font with a trademark symbol.

*DecraSound*  
*Acoustic Solutions,*



## 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 multi-use 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 Australian, European and American Standards. Group 1 AS5637. ASTM E84 Class A, EN 13501-1:2007 +A1:2009 Class B
- Lightweight (approx. 2.4kg/m<sup>2</sup> for 12mm thick panel) and easy to install. Hanging kit included
- Available in 50 standard pre-cut patterns

# Acoustiscreen PET Polyester Carved Hanging Wall Panels



## Acoustic Performance

By incorporating Acoustiscreen Polyester Hanging Screens as either a space dividing panel the reduction in unwanted noise can be quite significant. At some frequencies, up to 100% of sound can be absorbed by utilising Acoustiscreen Panels of appropriate thickness and/or by installing the panels with an air space behind them. Acoustiscreen Panels have been tested in ILAC registered laboratories in a reverberation chamber. Low frequency absorption can be increased by installing the panels with an air gap behind them, or by increasing the thickness of the panel.

Thickness (mm)	Sound Absorption Coefficient						
	125	250	500	1000	2000	4000	NRC
9mm	0.69	0.75	0.75	0.79	0.75	0.84	0.80
12mm	0.10	0.45	0.80	0.95	0.95	0.90	0.80

Acoustiscreen Panels have been tested in a reverberation chamber test to ISO354: 2003 "Measurement of Sound Absorption in a Reverberation Chamber"

Thickness (mm)	Sound Absorption Coefficients Reverberation room method (Hz)								
	100	125	250	500	1000	2000	4000	5000	NRC
50mm	0.10	0.15	0.25	0.70	1.05	0.95	0.80	0.70	0.70
75mm	0.20	0.30	0.60	0.95	0.95	0.80	0.70	0.65	0.80

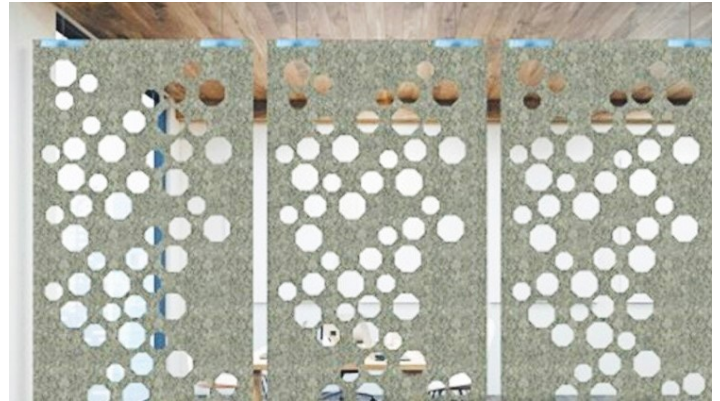
## Physical Properties

Standard Panel Size	1200mm x 2400mm
Thickness (mm)	Standard is 9mm and 12mm
Nominal Weight	2.4kg/m <sup>2</sup> at 12mm thick 1900gsm at 9mm
Composition	100% PET, approx. 75% recycled content.
Physical Description	Non-woven Rigid Compressed Fibrous Board
Environmental	Non-toxic, odourless, low VOC, E0 EN717-1:2004
Typical Applications	Boardrooms and Meeting Rooms, Gyms, Multi Purpose Venues, Schools and multi use spaces

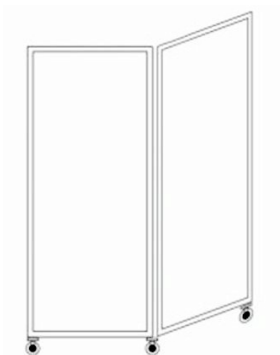
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## Fixing system options

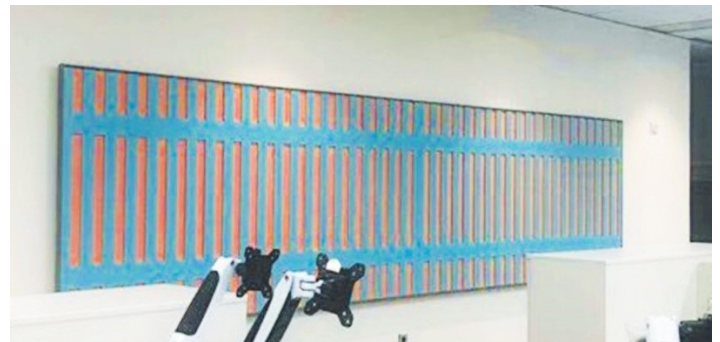
Hanging –Hanging kits included



Free standing or mobile on wheels



Wall mounted—with backing panel and frame

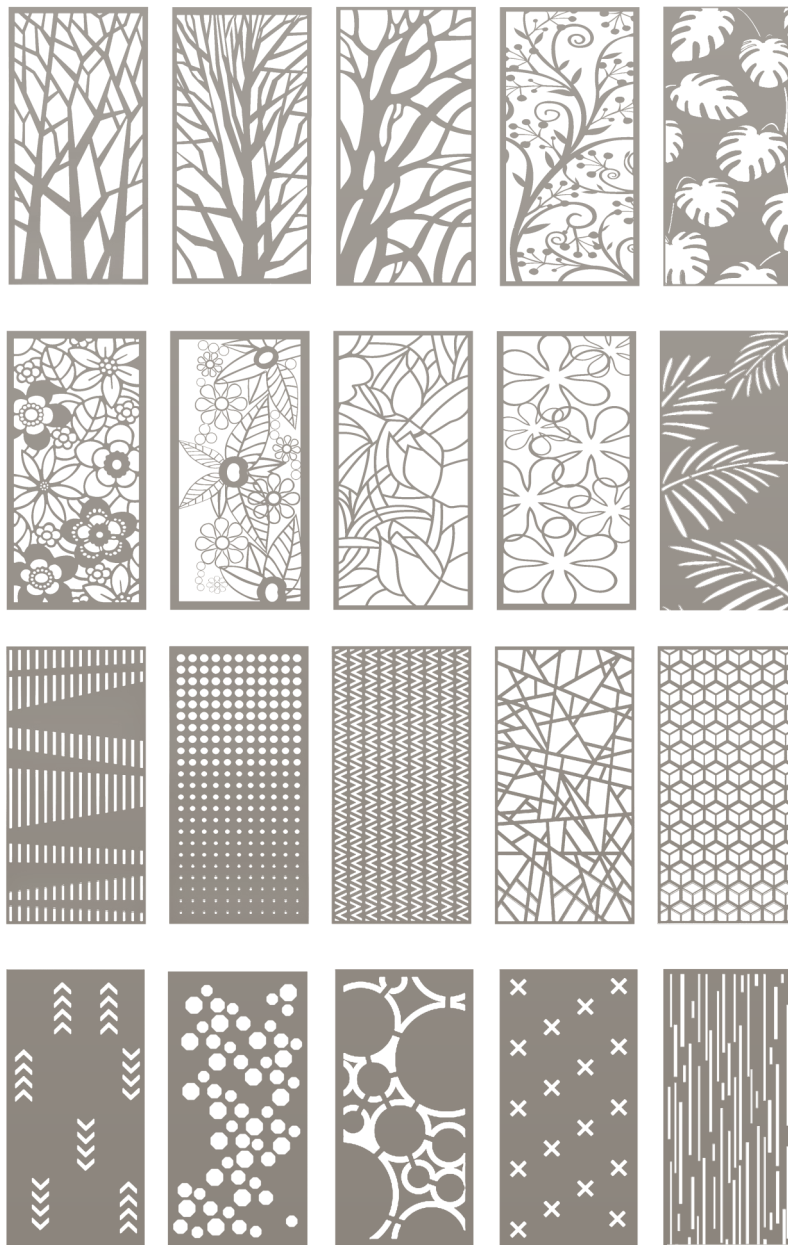


Acoustiscreen Polyester Hanging Screens are available in either hanging, mobile or wall mounted options. This is to maximise the privacy and the acoustic benefit of the screens.

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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.au](http://www.decrasound.com.au) or contact Sontext or an Authorised Distributor



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