



# DecraSound

## *PET Polyester Fibre Hanging Patterned Screens*



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.

Acoustiscreen base material can be used also as creative solutions where noise control and aesthetic appeal is a major consideration. The appearance of the Acoustiscreen Polyester Hanging Screens with the various patterned patterns is a direct response, to discover the limitless design flexibility of Acoustiscreen polyester fibre panels. Available in over 50

### Features & Benefits

- Outstanding quality and superb acoustic performance..
- These versatile panels are easy to cut and modify.
- Modernise the look of a room with our unique colour palette.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- 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
- 50 standard pre-cut patterns

### Physical Properties

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



Just Sounds Better

# DecraSound

**PET Polyester Fibre Hanging Patterned Screens**



## Acoustic Performance

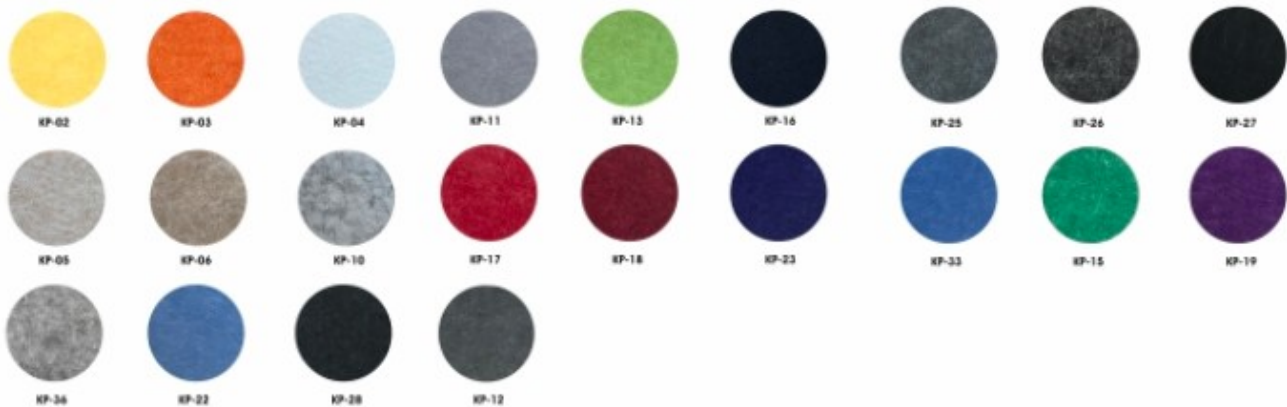
By incorporating Acoustiscreen Polyester Hanging Screens as either a space dividing panel the reduction in unwanted noise can be quite significant. At some frequencies, up to 100% of sound can be absorbed by utilising Acoustiscreen Panels of appropriate thickness and/or by installing the panels with 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"

## Colours available

### 12MM COLOR CHART



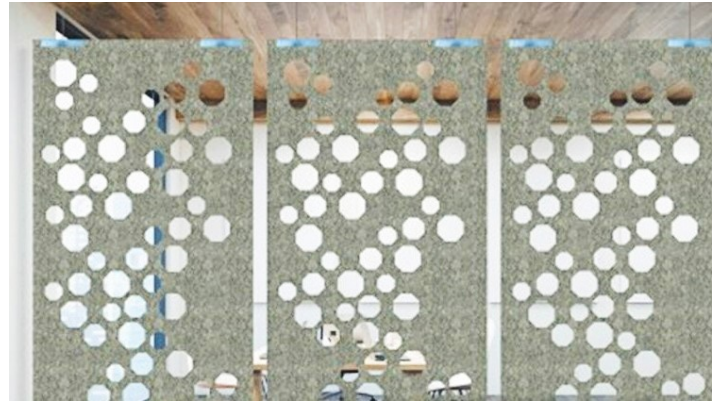


# DecraSound

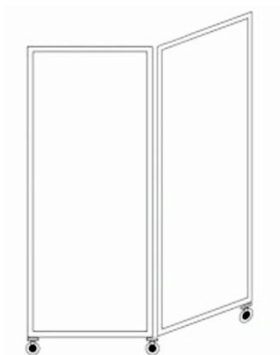
*PET Polyester Fibre Hanging Patterned  
Screens*

## Fixing system options

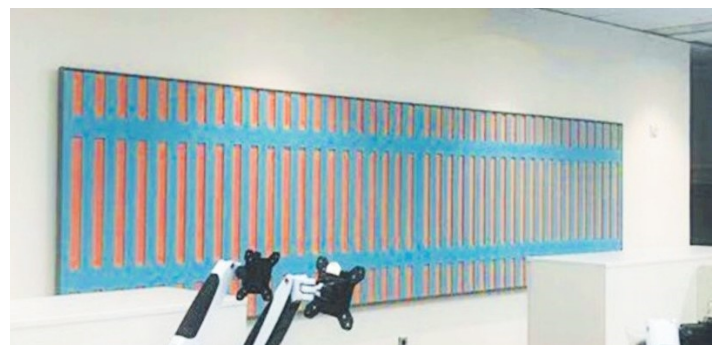
Hanging –Hanging kits included



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.



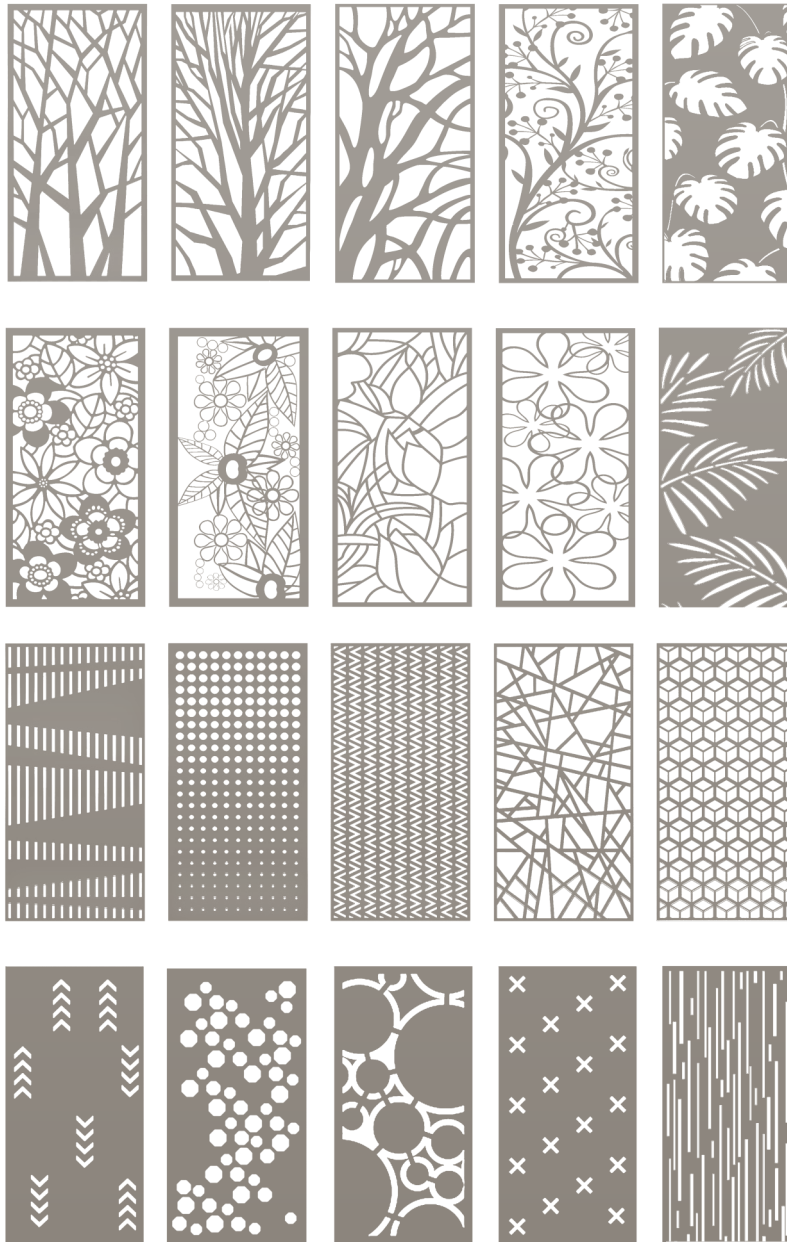
Just Sounds Better

# DecraSound

*PET Polyester Fibre Hanging Patterned  
Screens*

## 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.



**Decra Acoustics**

**101 North Tryon Street**

**Suite 112**

**Charlotte, NC 28246**

**Web: [www.decra-acoustic.com](http://www.decra-acoustic.com)**

**p: 980-434-2174 mail: [sales@decra-acoustic.com](mailto:sales@decra-acoustic.com)**