



Just Sounds Better

# DecraBaffle

## Acoustic Baffle Ceilings



Acoustiscreen DecraBaffles are manufactured from 75% recycled polyester fibre which is non-toxic, odourless, and has low volatile content. Acoustiscreen complements the existing Decraacoustics range of fabric-faced and perforated timber acoustic panel products, ensuring our clients have maximum choice of acoustic solutions for interior sound control.

### Features & Benefits

- Outstanding quality and superb acoustic performance.
- Create a flexible design with custom widths and lengths.
- These versatile panels are easy to cut and modify.
- Modernise the look of a room with our unique colour palette.
- Environmentally friendly noise control solution.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- Easy to install
- Lightweight (approx. 2.4kg/m<sup>2</sup> for 12mm thick panel) and easy to install.
- Class A ASTM E84
- extensive range of shapes
- Custom Sizes

### Acoustic Performance

By incorporating Acoustiscreen Panels as either a new wall lining or by direct fixing them to existing walls, 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.

Thickness (mm)	Sound Absorption Coefficient						
	125	250	500	1000	2000	4000	NRC
12mm	0.05	0.10	0.40	0.70	0.90	0.95	0.50
24mm	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 AS 1045 –1988 “Measurement of Sound Absorption in a Reverberation Chamber” (based on ISO354).



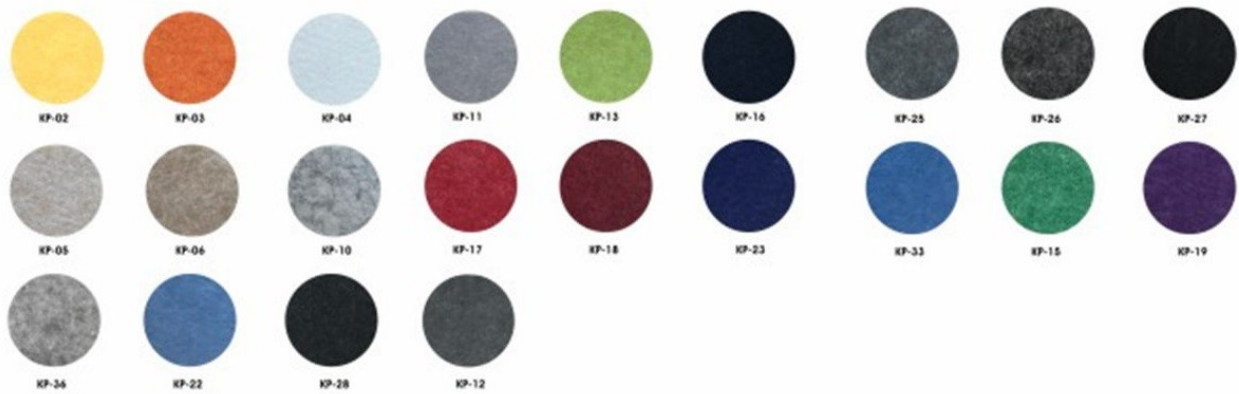
Just Sounds Better

# DecraBaffle

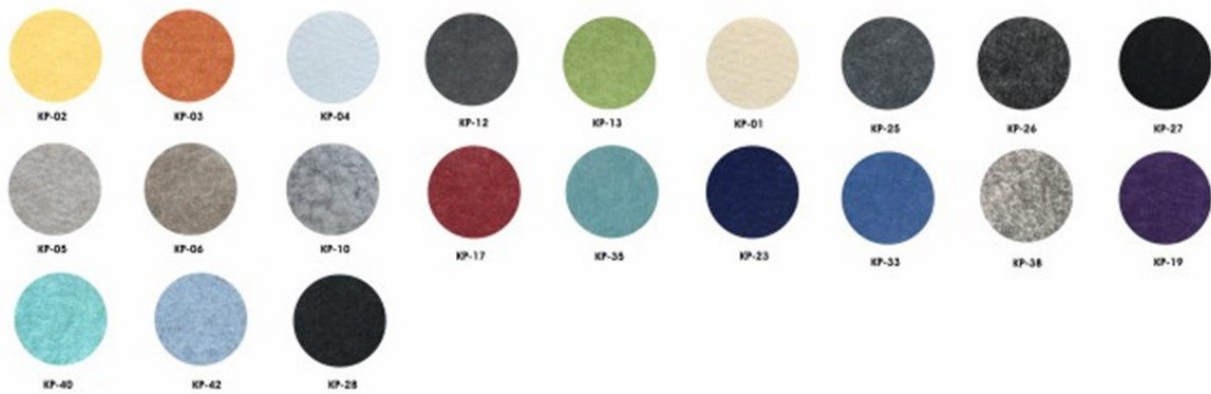
## Acoustic Baffle Ceilings

### Colour Range

#### 12mm Colour Chart



#### 24mm Colour Chart



**Acoustiscreen Polyester Acoustic 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 provides 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.



Just Sounds Better

# DecraBaffle

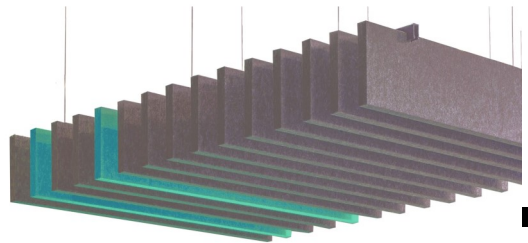
## Acoustic Baffle Ceilings

### Acoustiscreen Range of Products

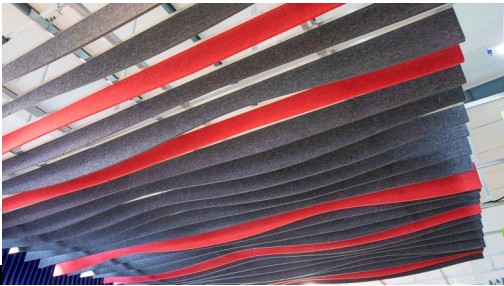
DecraBaffle 12mm Ceiling Systems



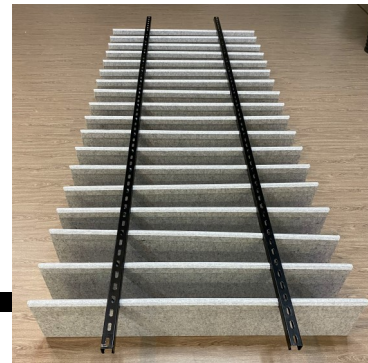
DecraBaffle 24mm Ceiling Systems



DecraBaffle Wave Ceiling



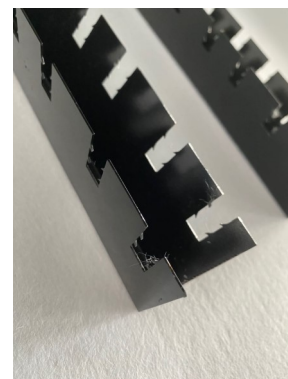
Decrabaffle Suspension set



Available in custom sizes



Fixing Keel 12mm



100mm Blades



Acoustic Baffles



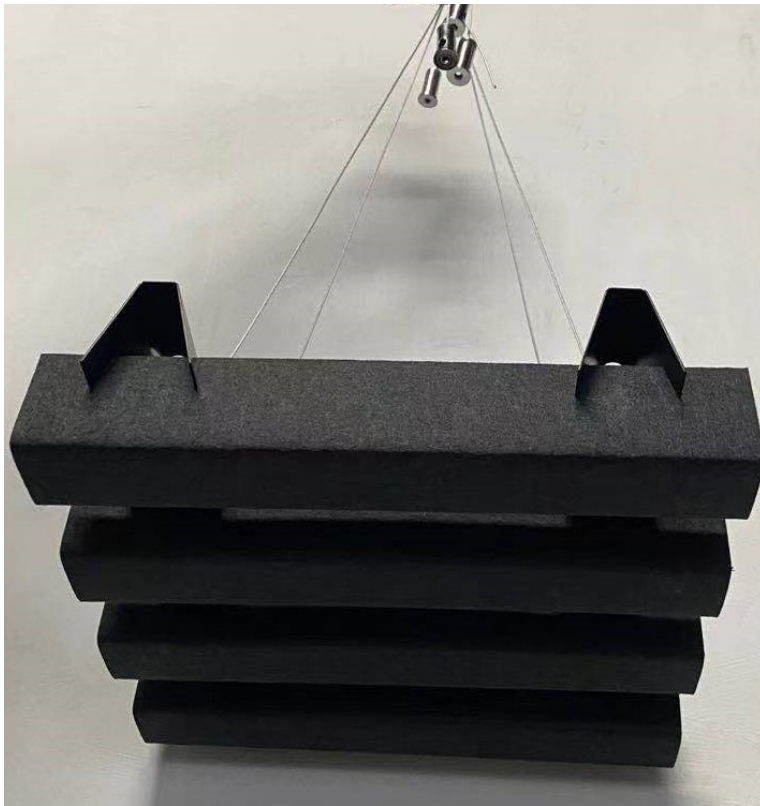


Just Sounds Better

Acoustiscreen Decra-

# DecraBaffle

Acoustic Baffle Ceilings



<b>Common panel sizes</b>	2400mmx2980mm
<b>Thickness (mm)</b>	12mm, 24mm .
<b>Nominal Weight</b>	2.4kg/m2 at 12mm thick
<b>Composition</b>	100% PET, 75% recycled content.
<b>Material Type</b>	Non-woven Fibrous Board
<b>Environmental</b>	Non-toxic, odourless, low VOC E0 EN717-1:2004
<b>Typical Applications</b>	Boardrooms and Meeting Rooms, Convention centres/exhibition centres, Sports Centres and Gyms, Multi purpose venues, Schools and University classrooms and lecture theatres, Churches and Halls and Sound recording studios.

## Decracoustics Acoustic Products

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)