



DecraSound™

**Dimension
3D Panels.**



**Modernise the look of a room
with Decrasound Dimension
3D Acoustic Panels.**

Acoustiscreen Polyester 3D 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 Dimension 3D 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.



Outstanding quality and superb acoustic performance.

By incorporating Acoustiscreen 3D 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.

Sound Absorption Coefficient	Thickness (mm)	
	12mm	24mm
125	0.5	0.10
250	0.10	0.45
500	0.40	0.80
1000	0.70	0.95
2000	0.90	0.95
4000	0.95	0.90
NRC	0.50	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).



Environmentally friendly noise control solution.

Dimension 3D panels are manufactured from 75% recycled polyester fibre which is non-toxic, odourless, and has low volatile content. Decrasound Acoustiscreen range complements the existing Sontext 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 maximum pinable areas within classrooms and board rooms.
- These versatile panels are easy to cut and modify.
- Humidity and moisture resistant.
- Odourless, low-VOC content and non-toxic.
- Fire resistant.
- Lightweight (approx. 2.4kg/m² for 12mm thick panel) and easy to install.
- Group 1 Fire Rating AS5637 ISO9705, ASTM E84 Class A, EN 13501-1:2007 +A1:2009 Class B
- Printed facing available



Available in a range of colours.

9MM COLOR CHART



12MM COLOR CHART



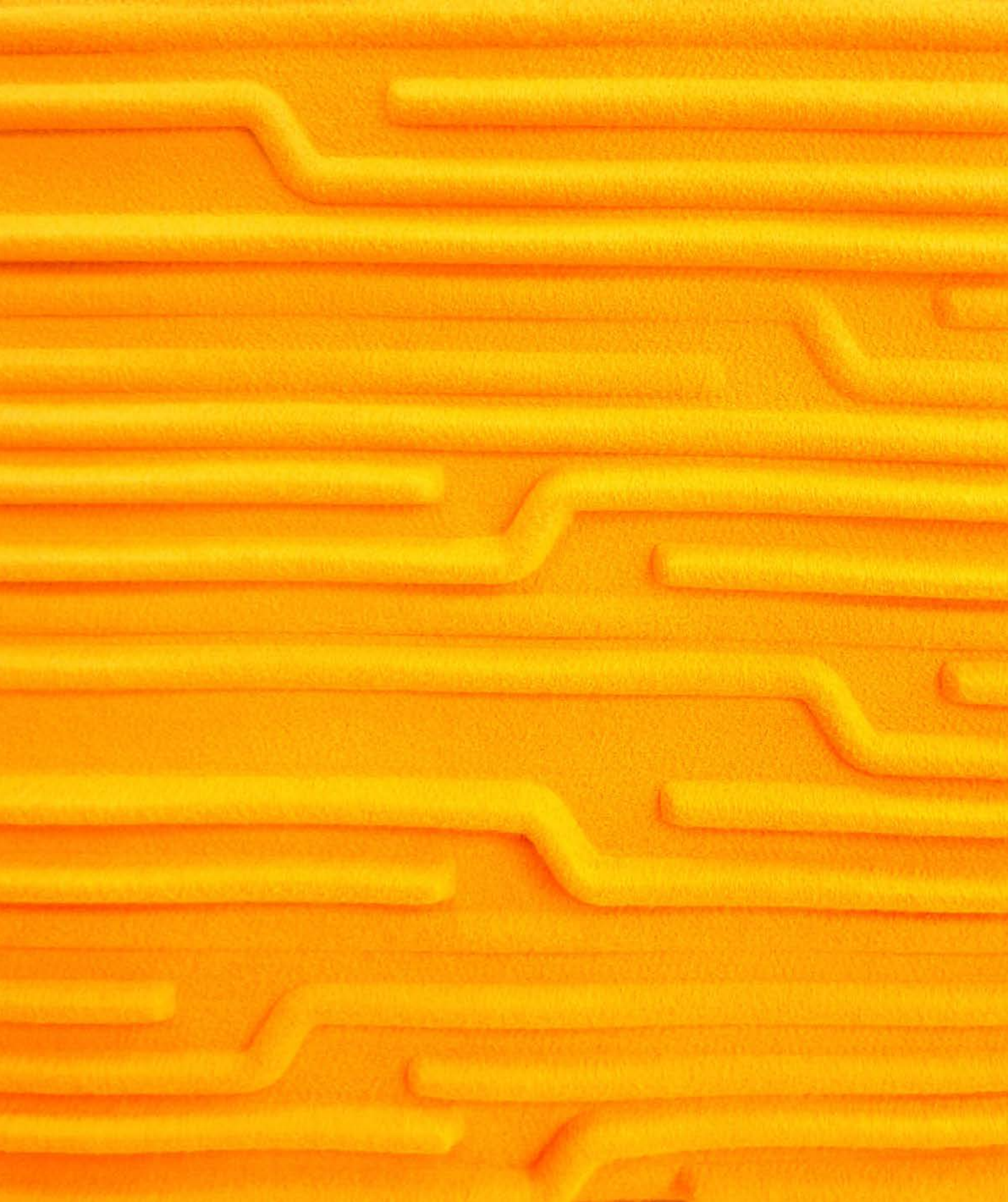
24MM COLOR CHART



Acoustic solutions for interior sound control.

Common panel sizes	1220 x 2440
Thickness (mm)	Standard is 12 however 24 and 50mm thicknesses can be supplied on request.
Nominal Weight	2.4kg/m ² at 12mm thick
Composition	100% PET, approx. 75% recycled content.
Material Type	Non-woven Fibrous Board
Environmental	Non-toxic, odourless, low VOC EO EN717-1:2004
Typical Applications	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.





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