



**DecraSound™**

**Acoustiscreen  
Panels.**



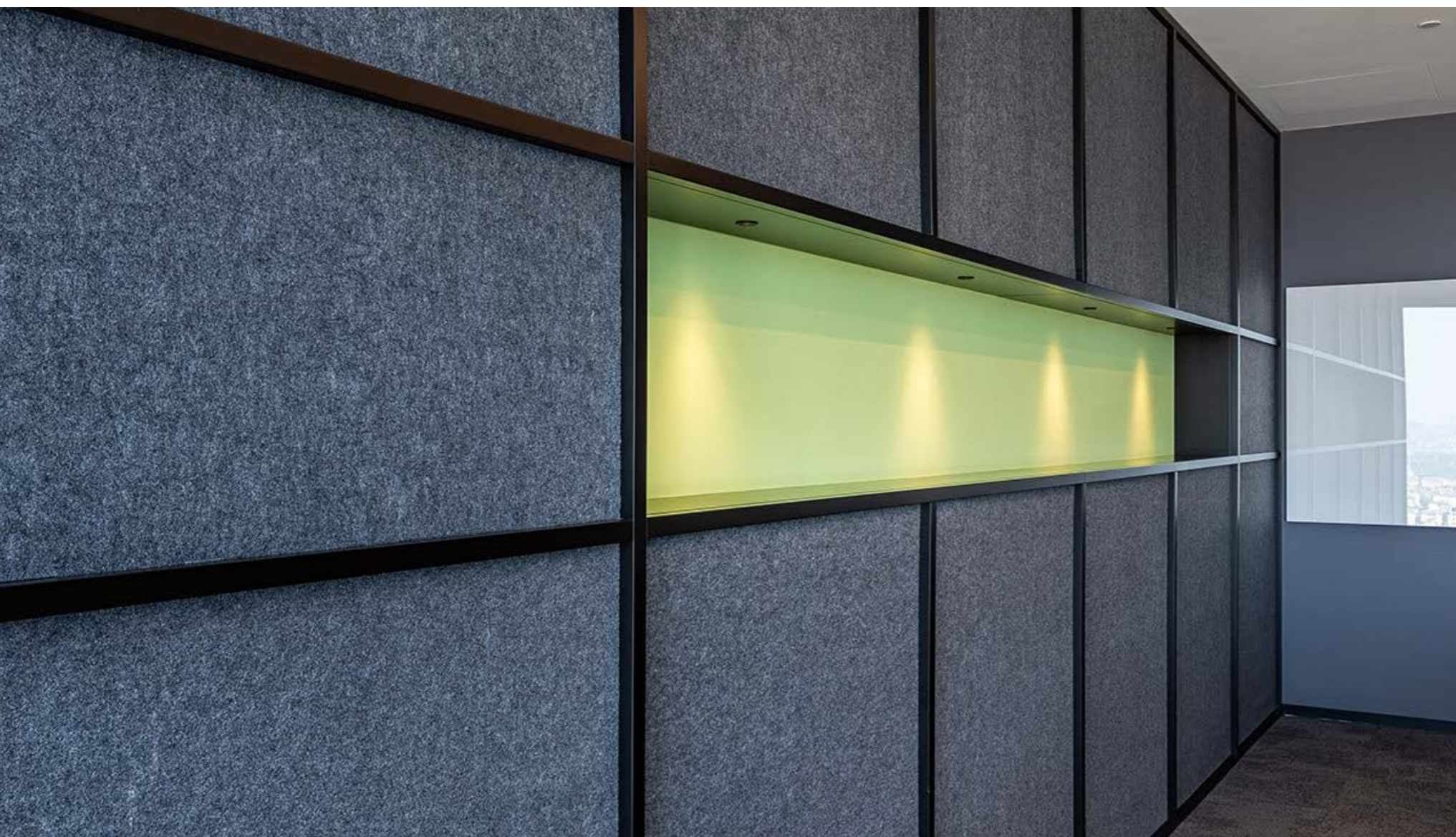
*Unreserved creativity  
at your fingertips.*

Acoustiscreen Polyester Acoustic wall and hanging 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 wallspace. Our polyester wall panels are ideal for absorbing sound in classrooms, commercial premises and multipurpose rooms.



## Outstanding quality and superb acoustic performance.

By installing Acoustiscreen Panels as either a new wall lining or by direct fixing to existing walls, the reduction in unwanted noise can be quite significant. At some frequencies, up to 95% 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 N.A.T.A. 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.



| Sound Absorption Coefficient | Thickness (mm) |      |
|------------------------------|----------------|------|
|                              | 12mm           | 24mm |
| 125                          | 0.05           | 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.

Acoustiscreen polyester wall and hanging panels are manufactured from 65% recycled polyester fibre which is non-toxic, odourless, and has low volatile content. Acoustiscreen 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 excellent acoustic performance.
- Create maximum pinable areas within classrooms, boardrooms and similar spaces.
- These versatile 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.



Available in a range of colours.

9mm Colour Range



12mm Colour Range



24mm Colour Range



# Acoustic solutions for interior sound control.

|                             |  |
|-----------------------------|--|
| <b>Common panel sizes</b>   | 1200 x 2400mm, 1200 x 600mm, 2400 x 600 mm, 1200 x 1200mm  |
| <b>Thickness (mm)</b>       | Standard is 12 however 25 and 50mm thicknesses can be supplied on request.   |
| <b>Nominal Weight</b>       | 2.4kg/m <sup>2</sup> at 12mm thick   |
| <b>Composition</b>          | 100% PET, approx. 75% recycled content.  |
| <b>Material Type</b>        | Non-woven Fibrous Board  |
| <b>Environmental</b>        | Non-toxic, odourless, low VOC, EO 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, Sound Recording Studios. |





## **DecraSound™**

### **Sontext Limited**

124 City Road, London,  
EC1V 2NX United Kingdom  
Phone: +44 0203 195 3936

### **Sontext Middle East**

Level 23, Boulevard Plaza, Tower 2  
Emaar Boulevard, Dubai – UAE  
Phone: +971 4 409 6863

### **Sontext Oceania**

Unit 2, 16 Poa Crt, Craigieburn  
Victoria, Australia 3064  
Phone: +61 3 9432 2733