DecraSound™

Acoustiscreen Printed Panels

Acoustiscreen Printed Panels expand your creativity even further .

Acoustiscreen Printed Polyester 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 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.

DecraSound™

Outstanding quality and superb acoustic performance.

By incorporating Acoustiscreen Wall 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)	
	25mm	**50mm**
125	0.15	0.26
250	0.55	0.71
500	1.00	1.03
1000	0.95	1.11
2000	0.95	1.09
4000	0.95	1.03
NRC	0.85	1.00

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).

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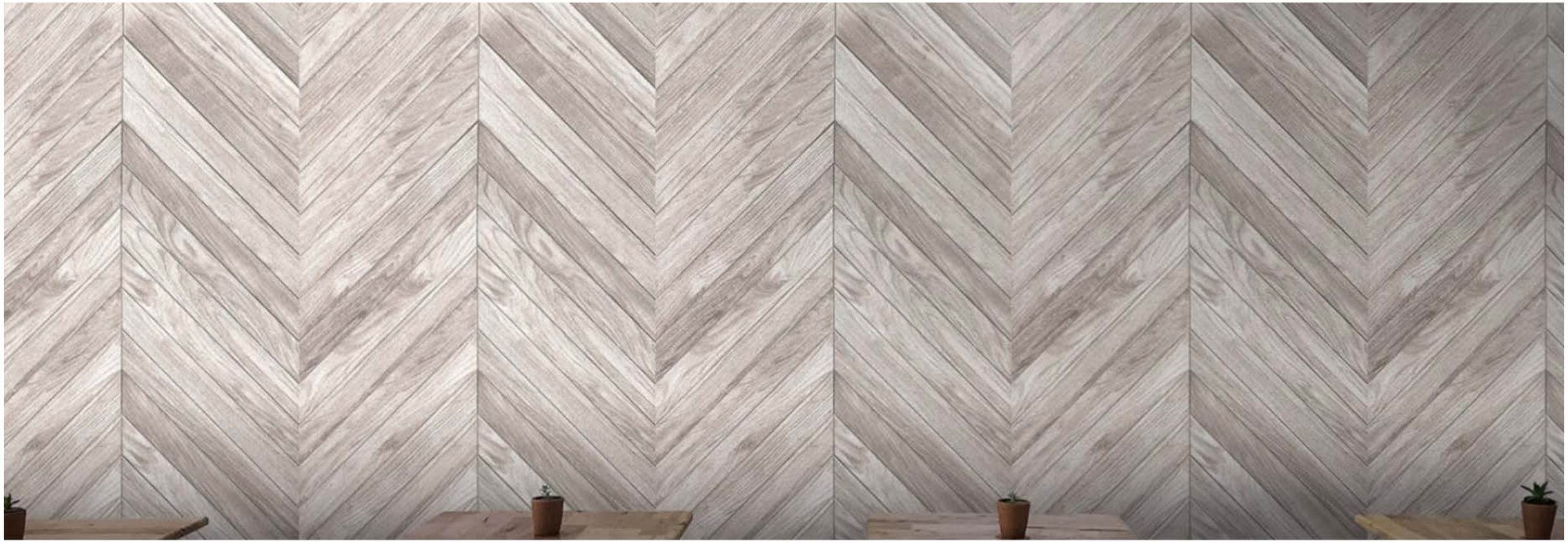
Features & Benifits.

The trend in modern commercial buildings is to line ceilings and walls with hard surfaces such as polished stone or glass. These hard surfaces can cause problems with reflected sound, or reverberation Acoustiscreen wall panels can reduce unacceptably high noise levels by absorbing this reflected sound, ensuring a more pleasant environment for building occupants.

- 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 and range of printed finishes.
- Environmentally friendly noise control solution.
- 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/m2 for 12mm thick panel) and easy to install.
- Printed Facings Available: Wood Veneers, Brick Masonry Patterns, Custom Designs.



Design options to suit any project.

Contact our team to view the full range.

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Acoustic solutions for interior sound control.

Common panel sizes	1200 x 2400 mm, 1200 x 600mm, 2400 x 600 mm, 1200 x 1200mm
Thickness (mm)	Standard is 12mm, however 25 and 50mm thicknesses can be supplied on request.
Nominal Weight	2.4kg/m2 at 12mm thick
Composition	100% PET, approx. 75% recycled content.
Material Type	Non-woven Fibrous Board
Environmental	Non-toxic, odourless, low VOC, E0 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, Sound Recording Studios.

DecraSound™

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