



THE
ACOUSTICS
COMPANY

SLATS

Wall Coverings



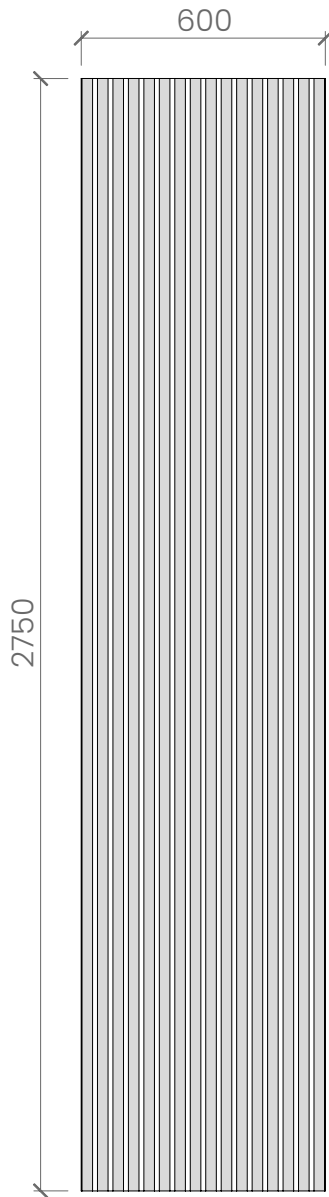


PRODUCT INFO

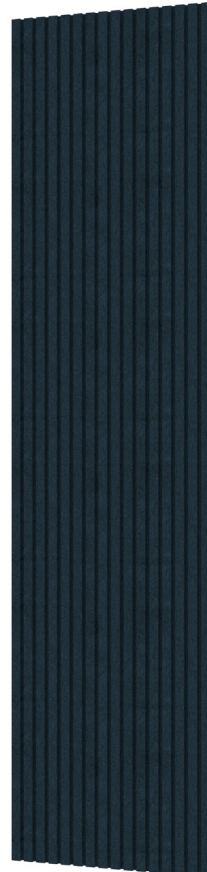
Slats are expertly crafted from 75% recycled polyester, making them highly effective at absorbing sound for reverberation control while also diffusing sound aberrations. These panels outperform traditional timber slatted panels in acoustic performance and offer elevated design aesthetics to enhance any space.

Our custom-produced 12mm PET slats are available in a diverse range of finishes and offer endless print design possibilities to suit your unique vision. For convenience, Slats are standardised at 2750mm x 600mm x 24mm, yet remain fully customisable in shapes and sizes to fit your project requirements. Slats seamlessly combine superior functionality with contemporary design versatility.

SLATS DESIGNS



WOOD PRINT



SOLID COLOUR



PRINTED

Slat Width: 28mm
Distance Between Slats: 12mm
Joining Edge Taper: 12mm
Maximum Height: 2750mm

Maximum Width: 1200mm (600mm Standard)
Slat Base Colour: PRINTED ONTO OPAL/WHITE
Slat Thickness: 12mm OR 24mm (12mm Standard)
Base Board Thickness: 12mm OR 24mm (12mm Standard)

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Wood Print	04WTSLA-WPT000	2750mm x 600mm x 24mm	24mm
Solid Colour	04WTWCG-SCR000	2750mm x 600mm x 24mm	24mm
Printed	04WTWCG-PSS000	2750mm x 600mm x 24mm	24mm

MATERIAL INFORMATION

COMPOSITION:	75% Recycled PET Fibre 25% Virgin Fibre
FIRE RATING:	24mm EN13501-1:2007+A1:2009 B - S2, D0
DENSITY:	4.8kg/m ² (34mm)
ACOUSTICS:	Class D Absorber

*Our Alpha panels have a Thickness Tolerance of ± 1 mm and a Length & Width Tolerance of ± 3 mm



FINISHES

Slats are available in two core colour styles: Solid Colour and Printed Texture. Select a base colour and choose a slat colour to build your panel. Please refer to the QR code below:



Finishes

Scan the code or visit [www.acousticpanels.co.uk/finishes](https://www.acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf)



Catalogue

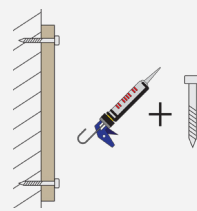
Scan the code or visit <https://acousticpanels.co.uk/wp-content/uploads/2025/09/PRODUCT-BROCHURE-2025.pdf>

INSTALLATION

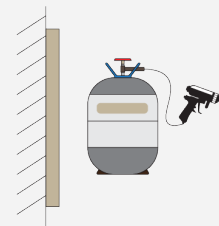
The Acoustics Company cater for all project budgets and have multiple fixing methods.

Slats wall covering can be installed using the following method:

DIRECT FIX USING SOUDAL FIX ALL WITH SCREW



DIRECT FIX USING CONTACT ADHESIVE



DESIGN TIPS

These are just some design tips you can do in order to maximise the full potential of our Slats products:

1. Determine the size, spacing, and orientation of the slats based on the desired aesthetic and functional requirements.
2. Choose Colours and finishes that complement the overall design scheme of the space. PET panels are available in a variety of Colours.
3. Use the slats wall covering as a branding opportunity by incorporating company Colours or logos in commercial spaces.
4. Consider the placement of electrical outlets or access points if needed for future maintenance or upgrades.

ACOUSTIC PERFORMANCE

The acoustic performance of materials refers to their ability to absorb, reflect, or transmit sound waves. This concept is crucial in architecture, interior design, and engineering, as it determines how sound behaves in a space. Materials with good acoustic performance can reduce noise levels, improve speech intelligibility, and create more comfortable and functional environments by controlling reverberation and sound transmission.

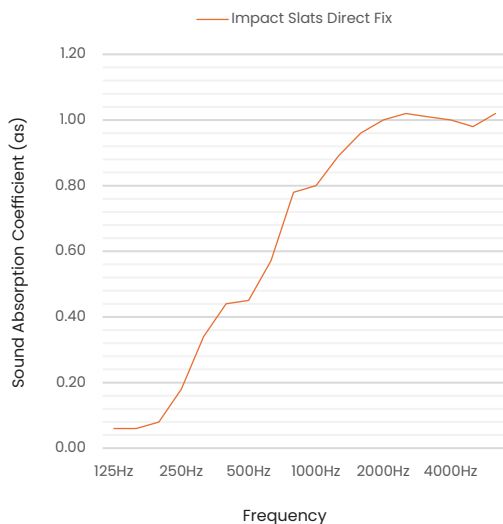
TESTING STANDARDS

ISO 354	Measurement of sound absorption in a reverberation room
ISO 11654	Sound absorbers for use in buildings – Rating of sound absorption
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ACOUSTICS:	Sound absorbers for use in buildings – Rating of sound absorption

ACOUSTICALLY TESTED SLATS	aw	NRC	CLASS
Slats Direct Fix	0.45(MH)	0.60	D

For aw, it is strongly recommended to use this single-number rating in combination with the complete sound absorption curve that can be obtained on request.

FREQUENCY (Hz)	125	250	500	1000	2000	4000
Slats Direct Fix	0.05	0.15	0.45	0.85	1.00	1.00



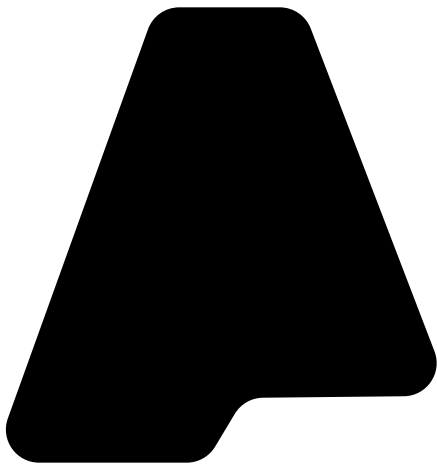
Weighted Sound Absorption Coefficient (aw) - Measured in accordance with ISO 11654. Practical sound absorption coefficient ap values at given standard frequencies are compared with reference curve aw.

Noise Reduction Coefficient (NRC) - The mean average as value at frequencies 250, 500, 1000 and 2000 Hz.

Absorption Class - Levels of comparison of absorption values against a reference curve with A as highest and E as lowest. Measured in accordance with ISO 11654.

Practical Sound Absorption Coefficient (ap) - The average of the three as values centered on the 1/3 octave band center frequency, measured in accordance with EN ISO 354.

Note: The sound absorption values provided in this product sheet are subject to change without prior notice from The Acoustics Company. For the most current and accurate technical specifications, please contact our Sales Team directly.



THE ACOUSTICS COMPANY



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