



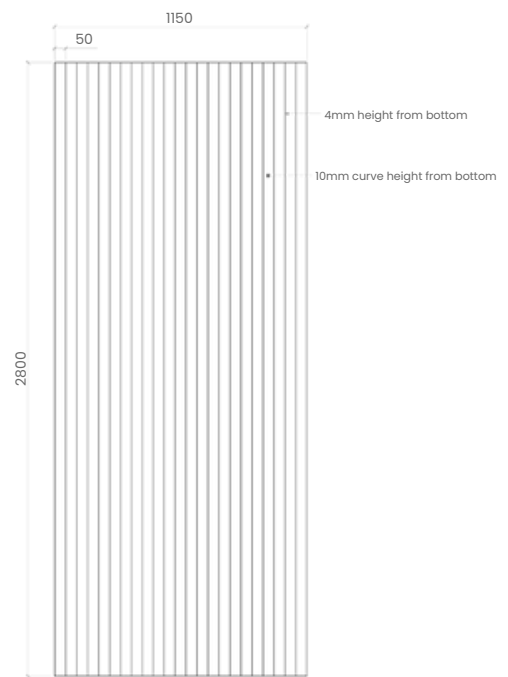
**PANELHUSH  
PET RIBBED**

## PRODUCT INFO

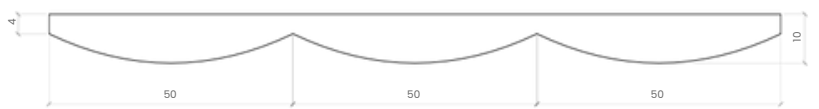
Meet PanelHush PET Ribbed, a calming acoustic panel made from PET that brings quiet and style to any wall. Its Zen-inspired surface adds gentle depth and movement while advanced acoustic design helps soften surrounding noise. With an NRC of up to 0.75 and a build that uses recycled content with low VOC levels, PET Ribbed offers a blend of comfort, sustainability, and modern appeal.

PanelHush PET Ribbed comes in large, smooth panels that fit many spaces, from calm lounges to lively offices, blending style, acoustic performance, and sustainability in one clean solution.

## PANELHUSH RIBBED DESIGN



FRONT VIEW DETAIL



TOP PROFILE BLOW-UP DETAIL

PRODUCT	ARTICLE	DIMENSION	THICKNESS
Ribbed	04WTFOR-FOR000	2800m x 1200mm	10mm

# MATERIAL INFORMATION

<b>COMPOSITION:</b>	75% Recycled PET Fibre   25% Virgin Fibre
<b>FIRE RATING:</b>	12mm EN13501-1:2007+A1:2009 B - S1, D0
<b>DENSITY:</b>	2.4kg/m <sup>2</sup> (12mm)
<b>ACOUSTICS:</b>	Class A, C, and D Absorber

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



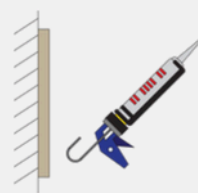
## FINISHES

PanelHush PET Ribbed is made with high quality recycled PET panels. The selection has different colours that would compliment any interior space and concept.

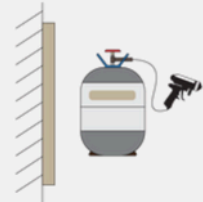
PanelHush PET can cater for all project budgets and have multiple fixing methods.

Form wall covering can be installed using the following method:

**DIRECT FIX USING  
SODAL FIX ALL (HIGHTACK)**



**DIRECT FIX USING  
CONTACT ADHESIVE**



## DESIGN TIPS

**Here are some tips to help you fully realise the potential of our Form product:**

1. Experiment with Colours and Finishes: Explore various colours and finishes for the PET panels to enhance and complement with the interior design.
2. Panel Thickness Counts: Choose the right panel thickness based on the desired balance between durability and visual impact, as thicker panels can add depth to the etched designs.
3. Plan for Practical Needs: Account for the placement of electrical outlets or access point.

# ACOUSTIC PERFORMANCE

Acoustic performance describes how well a material absorbs, reflects, or passes sound. It plays a key role in architecture, interior design, and engineering because it shapes how sound behaves in a room. Materials with strong acoustic qualities help lower noise, make speech clearer, and create spaces that feel more comfortable and practical by managing echo and sound movement.

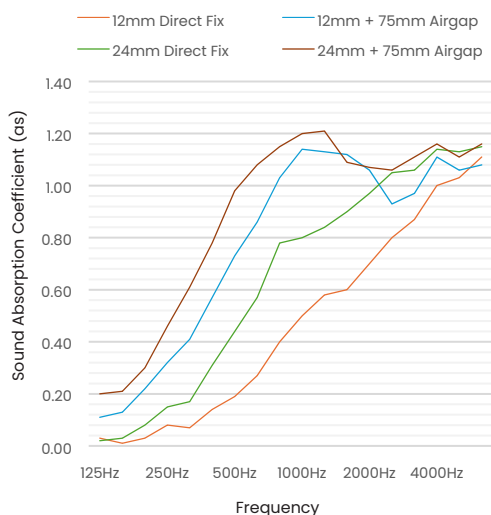
## TESTING STANDARDS

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

ACOUSTICALLY TESTED ETCH	aw	NRC	CLASS
12mm Direct Fix	0.35(H)	0.45	D
12mm + 75mm Airgap	0.75(MH)	0.85	C
24mm Direct Fix	0.50(MH)	0.65	D
24mm + 75mm Airgap	0.90	1.00	A

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
12mm Direct Fix	0.00	0.10	0.30	0.55	0.80	1.00
12mm + 75mm Airgap	0.15	0.45	0.85	1.00	1.00	1.00
24mm Direct Fix	0.05	0.20	0.60	0.85	1.00	1.00
24mm + 75mm Airgap	0.25	0.60	1.00	1.00	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.

