



The
WOOD
Wall Panel Co

WELCOME



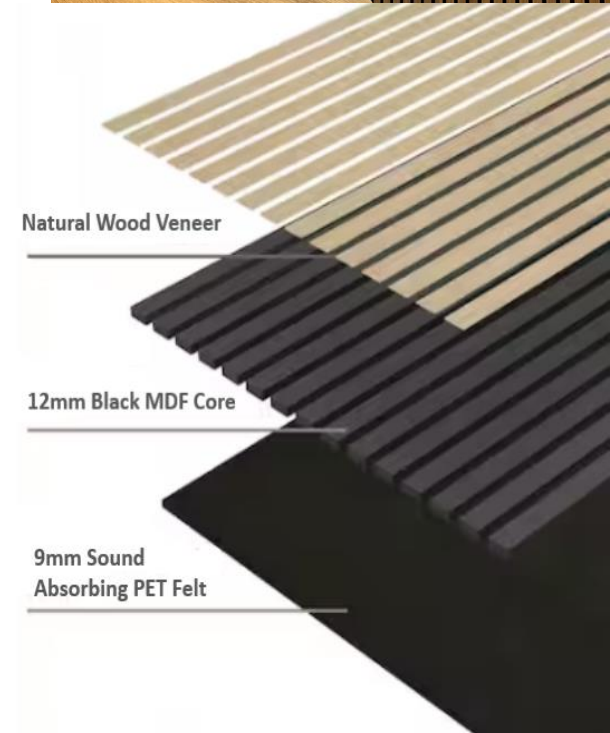
A QUICK INTRODUCTION TO OUR:

ACOUSTIC SLAT WOOD WALL PANELS

ALSO KNOWN AS DECORATIVE WALL PANELS

Acoustic slat wall panels are a very 'in-trend' product as a decorative feature with the added benefit of great acoustic properties.

Manufactured using one of the densest grade PET Felt backing on the market made from 100% recycled materials (plastic bottles) with dense 12mm black core MDF slats securely fixed using heavy duty staples and topped with a natural wood veneer in Natural Oak or Walnut finish adhered using a unique heat adhesive.



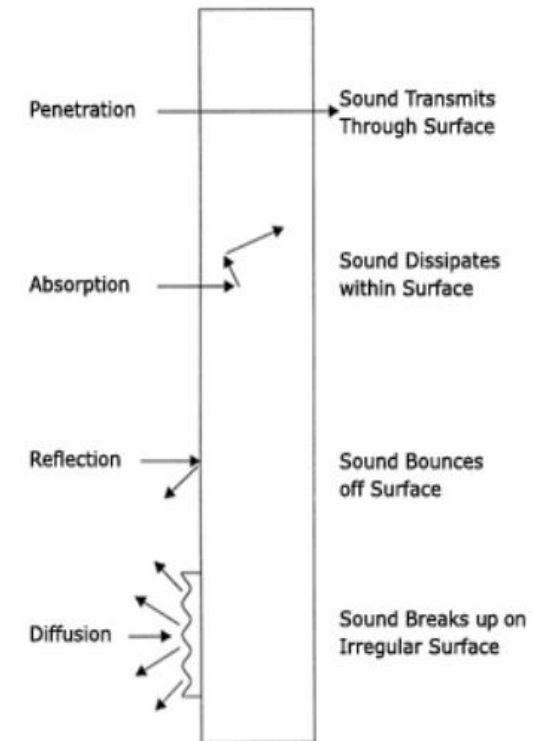
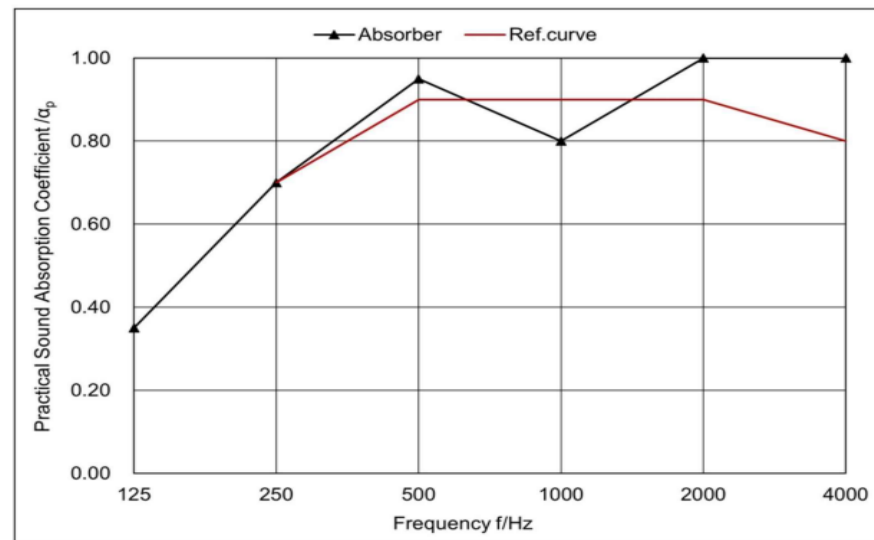
TECHNICAL

Product	Acoustic Slat Wall Panel
Base Material	100% Recycled PET Felt 1700g/m2 density
Surface Material	12mm Dense Black Core MDF Slat with Natural Veneer finish
Dimensions	2400mm x 600mm x 9mm
Slat Detail	Slat width 27mm Gap between slats 13mm
Coverage	1.44m2 per panel
Weight	11.2kg per panel
Finishes	Natural Oak and Walnut Natural Wood Veneer
Features	Easy card slot installation Acoustic Properties Light Weight Decorative Durable Sustainable
Application	Domestic Property Media Rooms Office Retail Hospitality Healthcare Studios Gyms Kitchens

We have a panel calculator on our website on each product page which is a very helpful tool.

ACOUSTIC DATA

Frequency/Hz	Reference Curve	Practical Sound Absorption Coefficient, α_p	Weighted Sound Absorption Coefficient, α_w	Sound Absorption Class
125	-	0.35	0.90	Class A
250	0.70	0.70		
500	0.90	0.95		
1000	0.90	0.80		
2000	0.90	1.00		
4000	0.80	1.00		



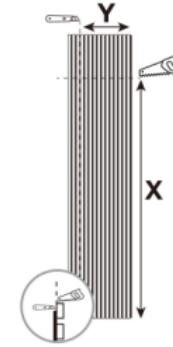
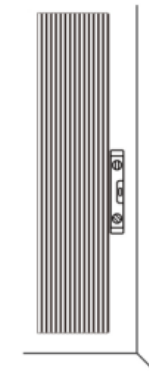
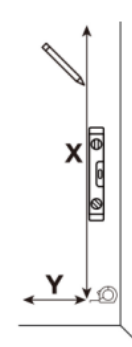
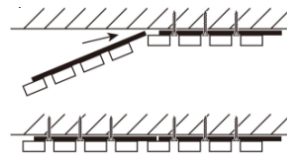
INSTALLATION - ADHESIVE



Before you start installation

- Measure the area the panels are to be installed and decide on the layout and design.
- Ensure enough panels are purchased to cover – due to the natural wood veneer of the panels, colour variations amongst batches may be noticeable.
- Remove any screws, nails or other fixings, fill any holes and sand down to give a smooth surface.
- Ensure the installation surface is clean of any dirt or debris using a damp cloth. Allow the area to dry thoroughly.

1. Measure the height of the installation wall. If panels need to be cut, mark the panels using a pencil and square edge (remember measure twice, cut once!) Cut the panels to size using a small-toothed handsaw. If the panels also need to be cut down in width, a sharp utility blade can be used to cut through the felt backing.
2. Using a heavy duty grab adhesive and caulk gun, apply adhesive to the back of the panel keeping adhesive a minimum of 50mm from the edges of the panel ensuring the whole panel has an even coverage to ensure good adherence to the surface.
3. Place the panel against the install surface ensuring it is level and in the correct position. Apply pressure to the front of the panel to give a good fix to the wall. Make sure the panel isn't disturbed until sufficient drying time has elapsed to fix in place.
4. Install the second and subsequent panels using the easy install card slot system to maintain a uniform finish. Continue until all panels are in place.



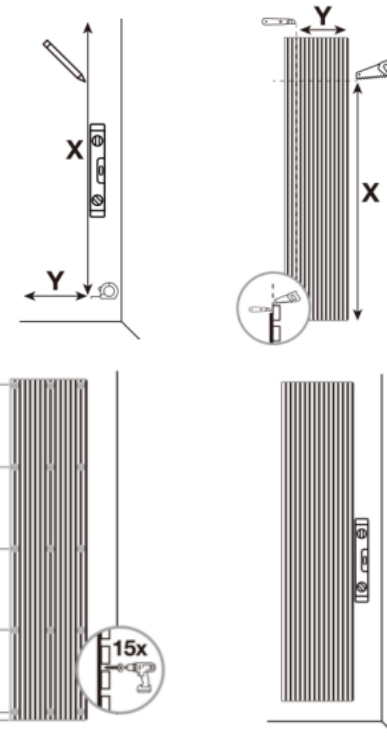
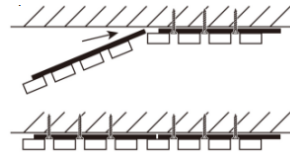
Important Notes:

- Use a small-toothed saw for cutting slats of panels
- Use a sharp utility knife for cutting felt backing of panels
- Use black 35mm screws
- If using battens, these should be 45mm fitted at 45cm centres
- 45mm Insulation roll can be used between battens for better acoustic performance
- For ceilings screw directly into joists
- If adding fixtures & fittings (e.g. shelves/TV brackets) drill through the panel and sub-wall and use appropriate fixings
- Intricate cuts for sockets, light switches etc. should be made using an electric jigsaw



INSTALLATION – SCREW FIX

1. Measure the height of the installation wall. If panels need to be cut, mark the panels using a pencil and square edge (remember measure twice, cut once!) Cut the panels to size using a small-toothed handsaw. If the panels also need to be cut down in width, a sharp utility blade can be used to cut through the felt backing.
2. Mark fixing points on the install surface in 5 rows of three approximately 575mm apart and ensure the outer fixing points are a minimum of 50mm in from the panel edge. Drill and insert appropriate fixings. Using black 35mm screws, fix the panel to the surface.
3. Install the second and subsequent panels using the easy install card slot system to maintain a uniform finish. Continue until all panels are in place.
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To achieve up to Class A

To improve the acoustic performance, install panels onto fixed battens.

The Wood Wall Panel Co recommend 45mm deep battens fixed at 575mm centres. The panels can be screw-fixed directly using black 35mm screws.

To further enhance the acoustic performance, a 45/50mm mineral wool insulation can be inserted into the cavity.



UNIQUE SELLING POINTS

- **Ease of installation with card slot detail**
- **Choice of installation methods to suit requirements**
- **Versatile**
 - **Can be used in a number of scenarios to cover all tastes from a full wall install to a 'design' feature**
 - **Can be install vertically or horizontally depending on design requirement**
 - **Can be installed on both wall and ceilings**
- **Easy to cut using standard tools**
- **Decorative – will enhance any surface and space**
- **Labour and cost saving – quicker and longer lasting than traditional decorating**
- **Up to Class A sound absorbency (when installed using timber battens and rockwool insulation)**
- **Sustainable & Durable**
- **Finished using a 100% Natural Wood Veneer**



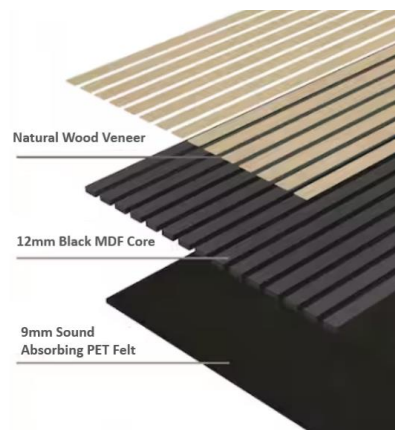


COMPETITOR COMPARISON

WOOD WALL PANEL CO

COMPETITORS

High grade 100% recycled PET Felt – 1750 kg/m2 – more hard wearing, durable and sustainable	Lower grade 60% recycled PET Felt – 1350 kg/m2 – less durable and sustainable.
High quality Natural Wood Veneer from sustainable source.	Often ‘foiled’ using pvc film which can peel and lift.
Certified Acoustic value up to class A sound absorption	No acoustic certification
12mm Dense Black Core MDF Slats giving durability and strength	10mm standard MDF unpainted or stained slats – less durable
Quality of manufacture higher standard using heavy duty heat adhesive to fix MDF & Veneer with heavy duty multiple staples to hold slats in place	Lower quality of manufacturing with fewer staples and lifting of slats and peeling of finishing material



FREQUENTLY ASKED QUESTIONS:

Can I install the panels outside?

The acoustic wall panels are manufactured for internal, decorative use and are not weather proofed for external use.

Can you only install the panels vertically?

No, the panels can be installed vertically or horizontally depending on the design and finish required. They can also be installed on the ceiling (we would recommend screw-fixing into existing joists or to timber battens for this).

Can I hide the edges of the panels?

The panels have been designed and engineered to show an exposed edge as a design feature. Corner/edge trims are available in the same finish as the panels if this is something required for an alternative finish.

Is it easy to install the panels around existing sockets or features?

Installing around sockets or existing features is not a problem. Firstly, hold the panel to the wall where the socket/feature is and mark where it is on the panel. The panels can be cut easily with a fine-toothed electric jigsaw. Use a damp cloth to remove any sawdust/debris from the cut area before installing.

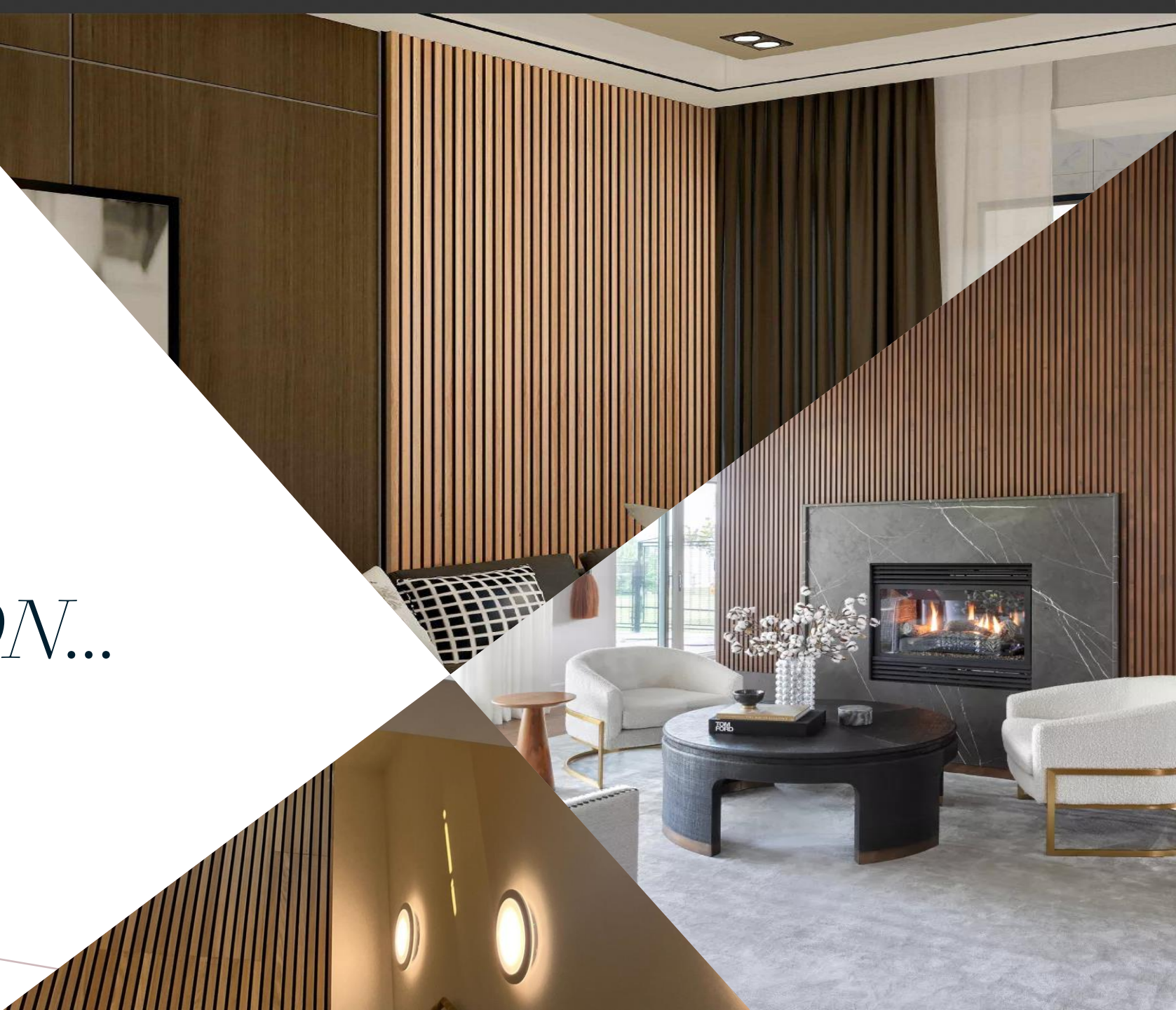
Can I use the panels in a shower or bathroom?

The panels are manufactured using MDF slats and real wood veneers and as such are not moisture or waterproof. We do not recommend using them in areas of high moisture as this will lead to damage over time.

How do I keep my panels clean and looking good?

To clean just use an anti-static duster to remove light dust and debris. If a little more is needed, a damp cloth can be used.

INSPIRATION...





THE WOOD WALL PANEL CO LTD

