

WRAPPED WOODEN PROFILES

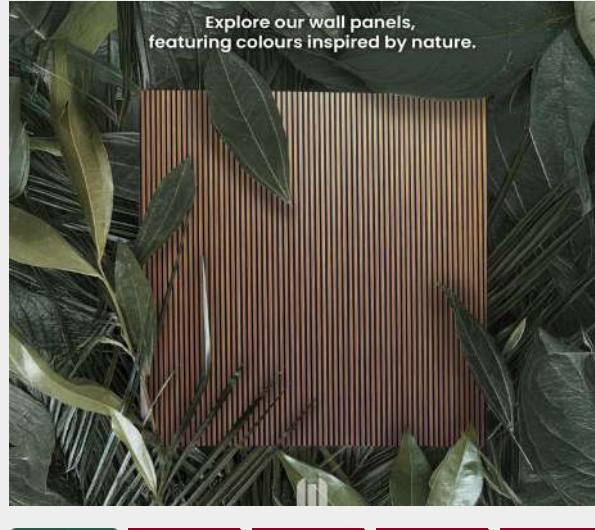


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Why MODEMA

- Ultra fast production capabilities assuring efficiency, flexibility and short delivery times.
- ISO 9001 , ISO 14001 , ISO 45001 and ISO 50001 Certified.
- Comprehensive range, innovative design knowledge, high level precision tooling.
- PUR adhesive (for high heat resistance, exceptional surface quality and high peel strength).
- Systematic colour-matching (to attain consistency of product) and efficient customer response.
- Modema environmental impact and social responsibility base materials from chosen suppliers in Europe (sharing the same core values) minimizing environmental damage by lowering environmental pollution.
- FSC® is dedicated to the promotion of responsible forest management worldwide.



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Why PET FELT PANEL

- PET felt is an eco-friendly synthetic felt material made from post-consumer recycled bottles.
- It's strong yet soft, lightweight, flexible, resilient, and can be easily formed into various shapes.
- It's also incredibly durable and water-resistant, making it perfect for humid climates.
- It's an excellent choice as an acoustic solution, absorbs reverberation
- It doesn't require frequent cleaning or maintenance and is extremely easy to clean
- Compared to traditional felt material, PET felt has the added benefit of being hypoallergenic, odor free, and non-toxic.
- Easy cutability in the field, It's simple to cut PET felt acoustic panels in the field, to size, making installation a breeze.

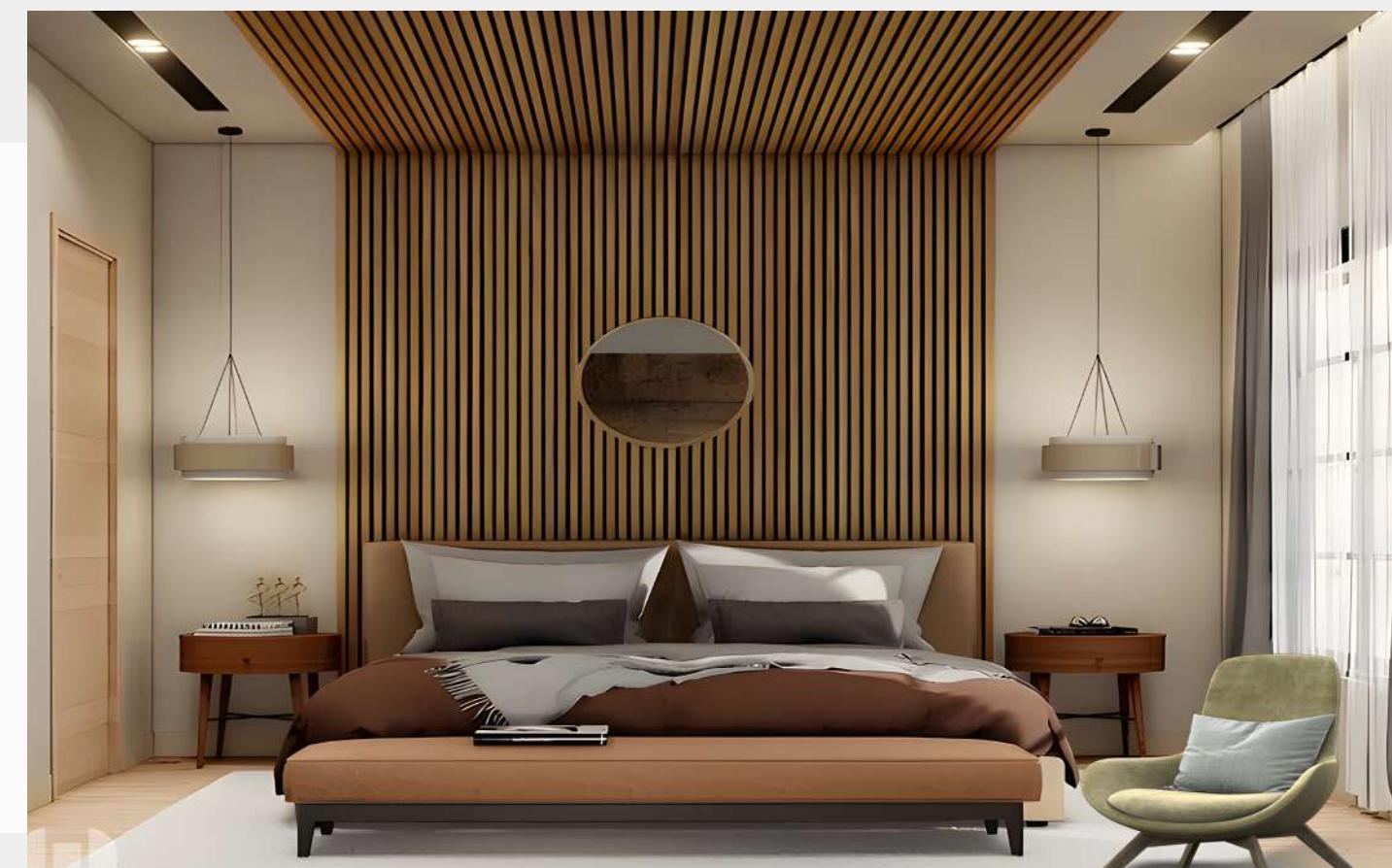


PACKING & DELIVERY

Each panel packed in white cardboard and placed in wooden pallets, width of 1150 mm.

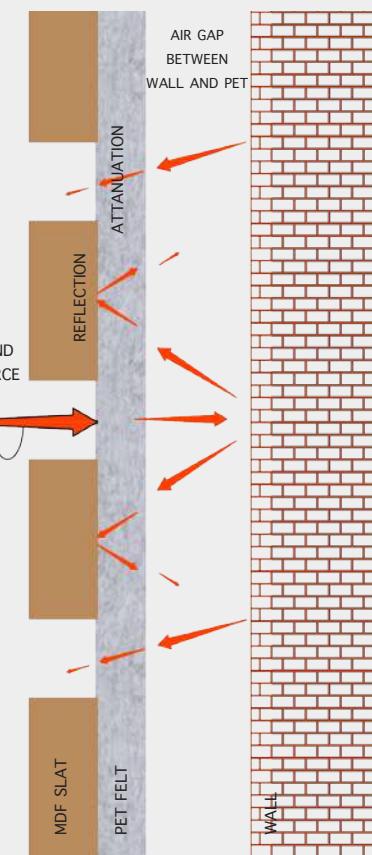
560 mm width boards size fit into inner container size as 4 rows to use maximum space. .

Approx. 1440 board can be loaded into 40' HC for an efficient delivery.

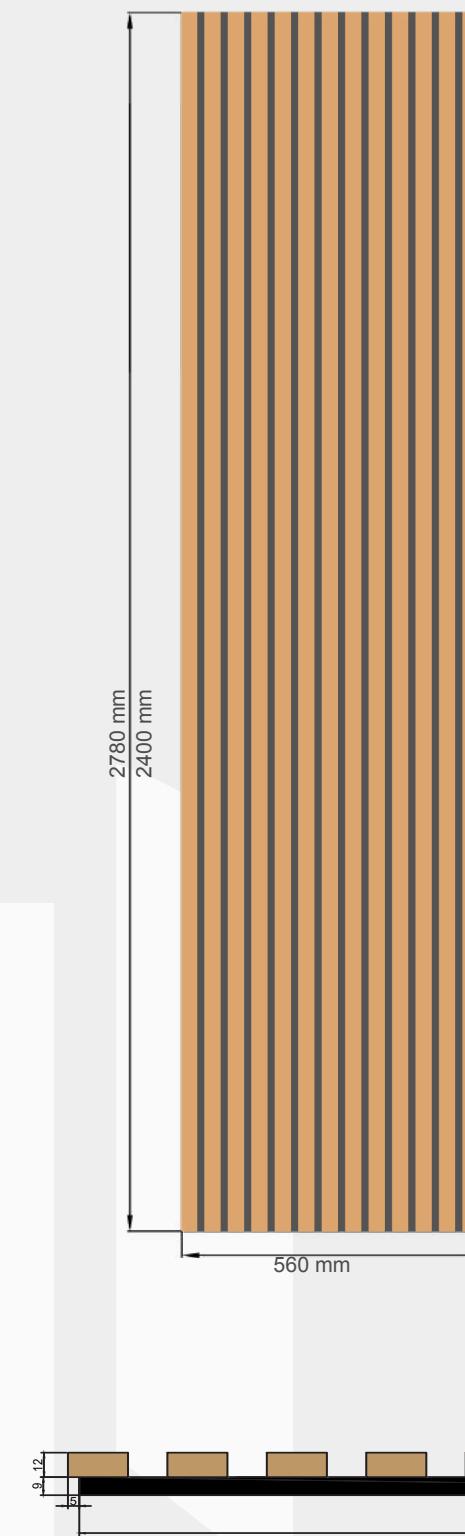


HOW IT WORKS

- PET felt is a porous material that affects sound waves in a unique way.
- It essentially creates a tortured path where heat is a byproduct of friction.
- When sound waves go through a porous substance like PET felt, the wave hits the fibers and bounces between the little air spaces between those fibers.
- The fibers and air pockets absorb and reflect the sound waves and slows them down incrementally.
- With using a 9mm PET felt product, it can be enhanced its ability to absorb sound by putting an air gap or spacing it further from a wall to improve its dynamic performance.
- In other words, air pockets and positioning help PET felt maintain its aesthetically appealing appearance and acoustic properties. It's all about the laws of physics!



MEASURES



SLAT MATERIALS

- MDF
- Softwood

SURFACE MATERIALS :

- Finish foil
- Thin laminate
- PVC
- Wood Veneer

OVERALL WEIGHT OF PANEL 11 kg -13 kg (+/-10%)

BOARD SIZE 2400 mm x 560 mm
2780 mm x 560 mm

PET DENSITY 1300 gr/m²

PET THICKNESS 9 mm

SLAT THICKNESS : 12 mm

SLAT WIDTH : 26 mm

SPACING : 17 mm

FIRE RATINGS

The acoustic backing used on the panels is certified to "B -s1, d0"

PERFORMANCE

Measurement of sound absorption coefficient, spacing 50 mm behind panels

