

PRODUCT FAMILY DATASHEET

Acoustic Wall Panel

Wood slat acoustic panels built from engineered veneer and MDF slats over a felt made of recycled plastic, in 400x21mm and 600x21mm modules at 2.4m length.



What This Family Is For

Sound enters the gaps between the slats, meets the felt behind them, and loses energy to friction and vibration instead of bouncing back into the room. That is the whole mechanism, and it is why a slat panel does something a printed fluted panel cannot.

Products In This Family

Product	Group	Summary
Wood Slat Acoustic Panels	Wall Panels	Wood slat acoustic panels in 400x21mm and 600x21mm at 2.4m, engineered veneer and MDF slats over recycled plastic felt. Reduce echo in offices restaurants and studios.

Published Specification

Property	Value
Type	Wood Slat Acoustic Panels
Dimension	400x21mm, 600x21mm
Length	2.4m or customized
Material	Engineered veneer + MDF + felt made of recycled plastic
Fixing	Screws or adhesive
Function	Absorbs indoor noise, reduces echo and sound reflection

Figures are reproduced from the manufacturer's published specification and may be revised. Rows reading 'not published' are figures the source specification does not publish; they are confirmed in writing rather than estimated. Confirm the current revision with your quotation.

Why Buyers Choose This Range

- Slatted face over recycled plastic felt absorbs rather than reflects
- 400mm and 600mm modules for different wall layouts
- 2.4m length, cut to room height on request
- Fixes with screws or adhesive, no specialist trade
- Engineered veneer face with a timber appearance

Problems It Solves

- Echo and speech intelligibility complaints in hard surfaced rooms
- Acoustic products that look like technical panels rather than interior finishes
- Installations that need a specialist acoustic contractor
- Noise reflecting between parallel hard walls

Who It Is For

- Interior contractors fixing reverberation in meeting rooms and restaurants
- Acoustic specifiers who need a timber finish
- Home theatre and studio installers
- Distributors stocking a slat panel line

Application Scenarios

- Meeting and conference rooms
- Restaurants and bars
- Home theatres and music rooms
- Open plan offices
- Hotel lobbies with echo problems

Materials

- Engineered veneer face over an MDF slat carrier.
- Backing felt made of recycled plastic, which does the absorbing.
- 400mm and 600mm panel modules at 21mm slat depth.

Manufacturing Process

1. Hot and cold pressing - The decor veneer is laminated to the panel face and bonded under hot then cold pressing.
2. Inspection - Section, colour and surface are checked against the order spec during the run, not only at the end.
3. Packing and loading - Boards are bundled, film wrapped or cartoned and palletised for container loading.

Customisation Options

- Panel length cut to room height
- 400mm or 600mm module width
- Engineered veneer colour selection

- OEM packaging and sample panels

Certification Standards

Production follows . Certificates are sent per model and destination market on request.

Questions Buyers Ask

How does the panel actually absorb sound?

Sound waves enter through the gaps between the slats and cause friction and vibration with the air and the felt behind, which consumes sound energy and reduces noise.

What is it made of?

Engineered veneer and MDF slats over a felt made of recycled plastic.

What sizes are available?

400x21mm and 600x21mm at 2.4m length, or customized.

How is it fixed?

With screws or adhesive.

Do you publish an absorption coefficient?

Not for this product. Tell us the room and we will share whatever test data is currently on file.

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