



ACOUSTIC WALL PANELS

Product Data Sheet | Timber Slat Acoustic Panel on PET Felt | 2800 × 600 × 21 mm

Ecolux Acoustic Wall Panels combine the warmth of timber-look slats with genuine acoustic performance. Veneered MDF slats are mounted on a high-density recycled PET felt backing that absorbs sound energy and reduces echo and reverberation. Each 2800 × 600 mm panel installs in minutes on walls or ceilings, turning noisy, hard-surfaced rooms into calm, premium spaces.

TECHNICAL SPECIFICATIONS

Panel size	2800 × 600 × 21 mm (coverage approx. 1.68 m ² per panel)
Construction	Veneered MDF slats bonded to 9 mm high-density PET acoustic felt
Slat profile	13 mm slats at even spacing; felt reveal creates the shadow line
Weight	Approx. 10 – 12 kg per panel*
Acoustic performance	NRC up to approx. 0.85 with air gap / insulation; approx. 0.4 direct-fixed*
Felt backing	100% polyester (PET), majority recycled content; available in black and grey
Surface finishes	Natural oak, walnut, smoked oak, black oak and painted finishes
Fire performance	Refer to certification on request*
VOC / formaldehyde	E1 low-formaldehyde MDF core*
Installation	Screw-fix through felt (concealed between slats) or construction adhesive
Cutting	Circular saw, track saw or fine-tooth handsaw; felt cuts with a utility knife
Application	Interior walls and ceilings, dry areas
Expected service life	20+ years interior with correct installation

**Performance values are typical of the product range. Certification documents (fire test reports, VOC/E1 compliance, acoustic test data where applicable) available on request — confirm project-specific requirements with our team prior to specification.*

KEY BENEFITS

- **Looks premium, works hard** — genuine echo and reverberation reduction, not just a decorative slat look
- **Fast, forgiving installation** — screw through the felt between slats and the fixings disappear
- **Walls and ceilings** — carry the same finish across surfaces for a designer result
- **Sustainable backing** — high-recycled-content PET felt diverts plastic bottles from landfill
- **Warmer rooms, calmer sound** — ideal for open-plan living, home theatres, offices and meeting rooms

APPLICATIONS

- TV media walls and home theatre rooms
- Open-plan living and dining areas
- Bedheads and bedroom feature walls
- Home offices, studies and meeting rooms
- Commercial spaces — restaurants, reception areas, boardrooms
- Ceiling rafters and features

INSTALLATION OVERVIEW

- 1. Prepare** — substrate must be clean, dry and flat; locate studs for ceiling installations.
- 2. Measure & cut** — cut panels to size with a fine-tooth saw; trim felt edges with a utility knife.
- 3. Fix** — screw through the felt channel between slats into studs or substrate — fixings sit concealed in the shadow line. Adhesive fixing suitable on sound, flat walls.
- 4. Finish** — butt-join panels for a continuous slat pattern; for maximum acoustic performance, install over a batten cavity with insulation.

Full installation guide and fixing recommendations available from our showroom team.

CARE & MAINTENANCE

Dust with a soft brush or vacuum with a brush attachment. Wipe slats with a barely damp cloth; keep the felt backing dry. Avoid abrasive pads and solvent-based cleaners.

SEE IT IN THE SHOWROOM

Full-size displays are on show at our Osborne Park showroom. Bring your plans or photos and our team will help you spec the right finish, quantity and fixing system for your project.