

WPC FLUTED PANELS

Product Data Sheet | Fluted Slat Wall & Ceiling Panel | 2900 × 159 × 24 mm

Ecolux WPC Fluted Panels deliver the architectural slat look in a single click-together board. Each 2900 mm length carries a deep 24 mm fluted profile that creates strong shadow lines and texture, with a waterproof, termite-resistant composite core. Panels interlock side-by-side for fast coverage on walls and ceilings, indoors and in covered outdoor areas.

TECHNICAL SPECIFICATIONS

Panel size	2900 × 159 × 24 mm (coverage approx. 0.46 m ² per length)
Profile	Fluted / great-wall slat profile, 24 mm depth for strong shadow lines
Material	Co-extruded wood-plastic composite (WPC) with hollow-chamber core
Weight	Approx. 2.5 – 3.5 kg per length*
Surface finishes	Timber grains, charcoal, walnut, teak, white oak and solid colours
Jointing	Tongue-and-groove interlock — concealed fixings, continuous pattern
Water resistance	100% waterproof core — suitable for wet areas and covered exteriors
Fire performance	Fire-retardant composite — refer to certification on request*
VOC / formaldehyde	Low-VOC, E1-compliant composition*
Installation	Screw-fix through concealed flange to battens or direct to sound substrate
Cutting	Mitre saw or circular saw with fine-tooth blade
Service temperature	–20 °C to +60 °C
Expected service life	20+ years interior; 10+ years covered exterior*

**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

- **Architectural slat look, one panel** — the fluted profile is built in; no individual slats to align
- **Concealed fixing** — tongue-and-groove interlock hides every screw for a clean, continuous finish
- **Waterproof and termite-proof** — goes where timber slats can't: bathrooms, laundries, alfresco ceilings
- **Lightweight hollow core** — easy single-person handling and overhead installation
- **Walls and ceilings** — one product, one look, carried across every surface

APPLICATIONS

- Feature walls and TV media wall surrounds
- Ceiling features and bulkheads
- Alfresco and covered outdoor ceilings
- Bathroom and laundry feature walls
- Commercial interiors — hospitality, retail and office fit-outs
- Curved and column cladding (kerfed installation)

INSTALLATION OVERVIEW

- 1. Prepare** — fix to a flat, sound substrate or level batten frame at max. 400 mm centres.
- 2. Measure & cut** — cut lengths with a fine-tooth mitre or circular saw.
- 3. Fix** — screw through the concealed flange into battens or substrate; click the next panel over the fixing.
- 4. Finish** — close final edges and external corners with matching end trims and internal/external corner mouldings.

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

CARE & MAINTENANCE

Wipe or dust with a damp cloth and pH-neutral cleaner. Avoid abrasive pads and solvent-based cleaners. No oiling, staining or sealing required — the finish is maintenance-free for the life of the product.

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.