

Install Guide

Panels MR Panels FR Panels Solid Timber

The trusted prefinished and preassembled acoustic linear batten system.



Panels MR FR



Panels Solid Timber



Panels MR, Rectangular 2550-4
finished in NAVURBAN™
Ashgrove

Panels

Installation Guide

Suitable Applications

Panels is a prefinished, modular, architectural system; designed for ease of installation on wall and ceiling surfaces. They are environmentally certified, Low VOC, Fire tested, acoustically rated, and can be modified to achieve various curve radiuses.

Installation Details

Acoustic

- Panels are supplied with SC15 black acoustic lining attached. If not using SC15, the substrate should be painted black to give depth and conceal the substrate and brackets.
 - For greater acoustic performance, and when an NRC is specified, Screenwood can supply SCP50, a 50mm thick polyester backing. Please contact us for more information.
-

Services

- Flush mounting or recessing of lighting fixtures and incorporation of building services such as electrical and sprinklers can be accommodated by trimming panels on site. Support from Screenwood will ensure the bracket position and the substrate supports coincide.
-

Access

- Individual Panels can be removed for access to services after construction. For regular ongoing access, Panels may be fixed to a backing fitted with parliament hinges, or a proprietary access panel system may be incorporated.
-

Curving

- Panels can be manipulated during installation to adhere to concave or convex surfaces. A relief can be cut into the back of the Panels brackets. This can be requested prior to ordering for convenience.
-

Panels

Installation Guide

Before you begin

Fixing

- Screenwood recommends that Panels should be screw fixed to timber battens or furring channel spaced at a maximum of 600mm centres (see Figure 1 in this section).
- Screw between the battens, through the back-recessed bracket, into the substrate using black 8g screws.

Cutting

- Cutting of Panels should be done by qualified trades using a drop saw or track saw with carbide tipped blades.

Moisture

- Panels should not be exposed to water. Panels ends should be sealed in installations where accidental ingress of water or moisture may occur.
- Panels used for walls should be kept at least 20mm above a floor surface and care must be taken when floors are being mopped/cleaned. The warranty does not cover damage from water ingress.
- In applications where there is a risk of exposed MDF coming in contact with water potentially affecting the exposed MDF section of each panel, you should look to apply a water based polyurethane clear sealer like the Cabots Cabothane Clear.

Panels

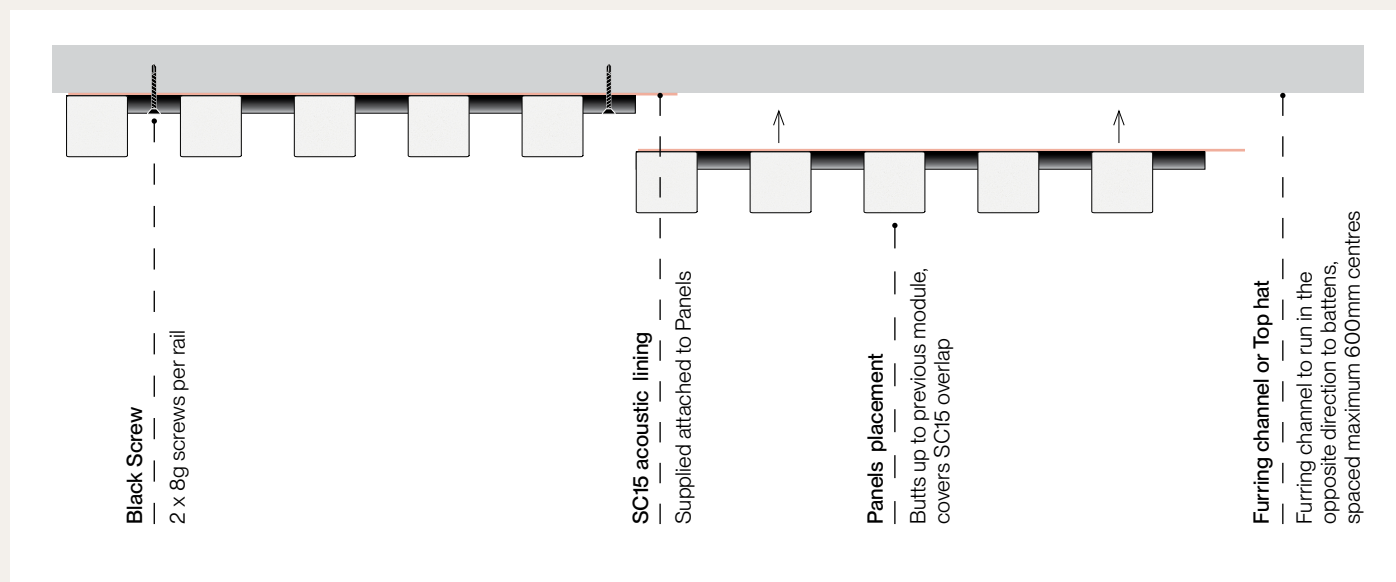
Wall, Ceiling and Joinery Installation

Recommended Installation

You will need:

- Panels in your specified lengths
- Top hat, furring channel or battens
- Aluminium trims for top and bottom edges (if required)
- Start trim (if required)
- Measuring device
- Level
- Panel saw or track saw with a suitable blade
- Black 8g screws

Figure 1. Fix Panels to wall or ceiling



Panels

Ceiling Installation

Figure 2. Panels typical acoustic ceiling installation

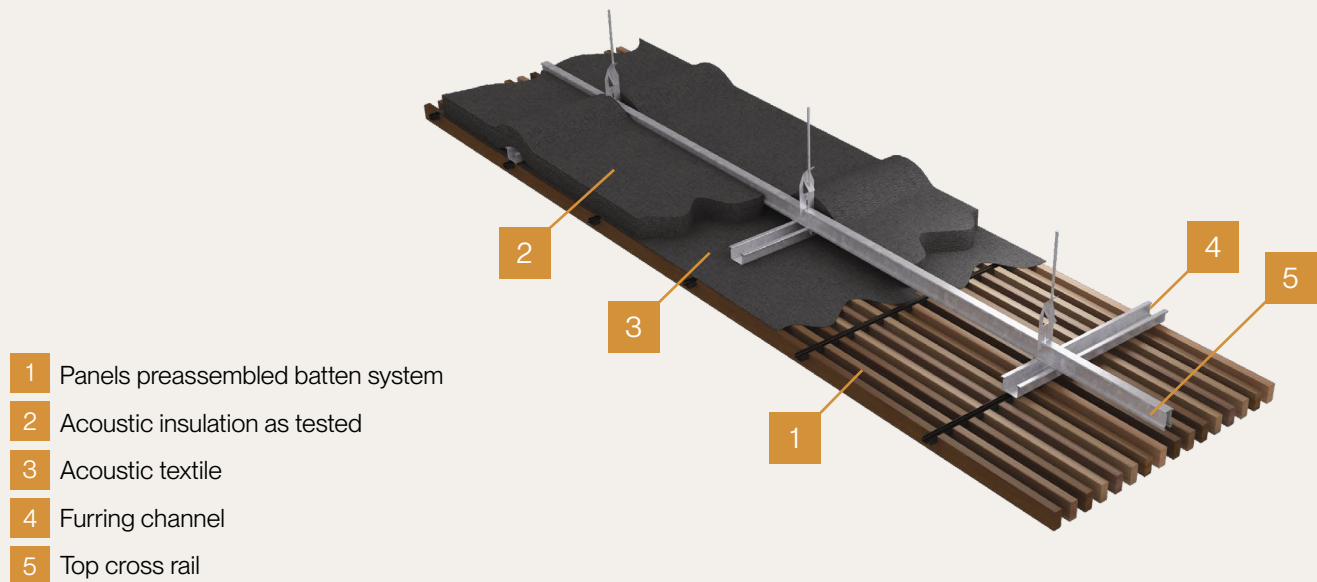


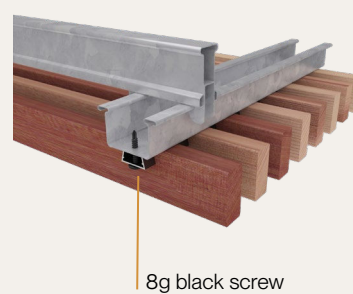
Figure 3. Panels fixed in place



Figure 4. Panels end to end detail



Figure 5. Panels connection to furring channel



Panels

Wall Installation

Figure 6. Panels wall to ceiling detail

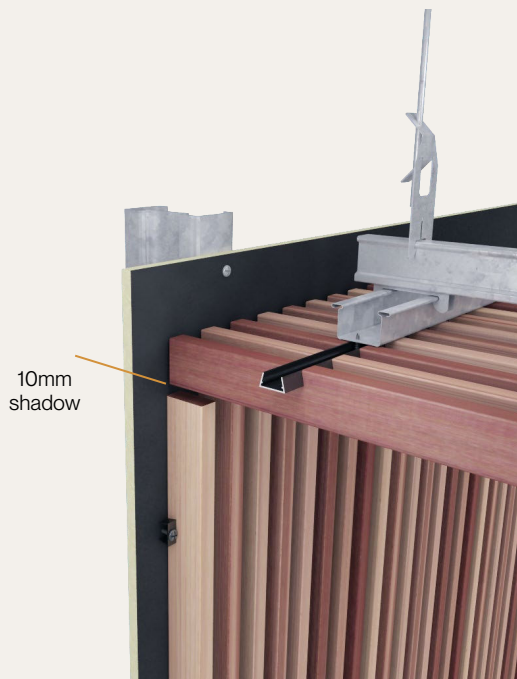


Figure 8. Panels recessed wall installation



Figure 7. Panels typical acoustic wall installation



- 1 Panels batten system
- 2 Acoustic insulation as tested
- 3 Acoustic textile
- 4 Top hat

Panels

Wall, Ceiling and Joinery Installation

Joints

- Where bays of Panels meet, a 10mm express joint is recommended.
- To cover lengths greater than 3600mm, two or more bays of Panels may be used with an expressed gap of 10mm, avoiding butt joints.
- A 20mm shadow-line perimeter gap is recommended where panels are placed within a coffer or adjacent to a wall. Consideration if the suitability of Panels must be taken prior to purchase.

Profile Weights

- For Panels profile weights, please refer to the Panels MR and FR Product Guide available on our website when calculating load capabilities, found at screenwood.com.au/resources/ or contact our team for information.

Figure 9. Express joint where bays of Panels meet



Panels

Finishing Options

Other Trim Details

- For Panels Solid Timber, loose prefinished battens (supplied by Screenwood) can be used for trim or framing.
- To match NAVURBAN™ finishes on Panels MR and Panels FR, board in the same decor can be supplied through New Age Veneers (NAV), starting from 6mm thick up to 50mm thick.
- Aluminium angles (supplied by others) can be utilised for shadowline trim or framing.

Stix® by Screenwood

Stix® by Screenwood are loose prefinished battens that can be used for trim or framing. They are available in a range of sizes and profiles and prefinished in NAVURBAN™ finishes. Stix® integrates seamlessly with our Panels, Modulo®, and Soundlina® ranges, or can be used as standalone decorative battens. To learn more visit <https://screenwood.com.au/range/stix/>.

Painted End

Dulux paint colours to match our standard NAVURBAN™ finishes can be found on the Resources page of our website. These recommendations are a guide only and should be tested prior to application.

Painted finishes are only suitable for the raw surfaces of the profiles. Olefin film surfaces are not suitable for painting.

Figure 10. Perimeter detail with aluminium angle

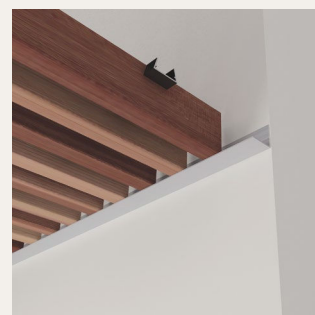
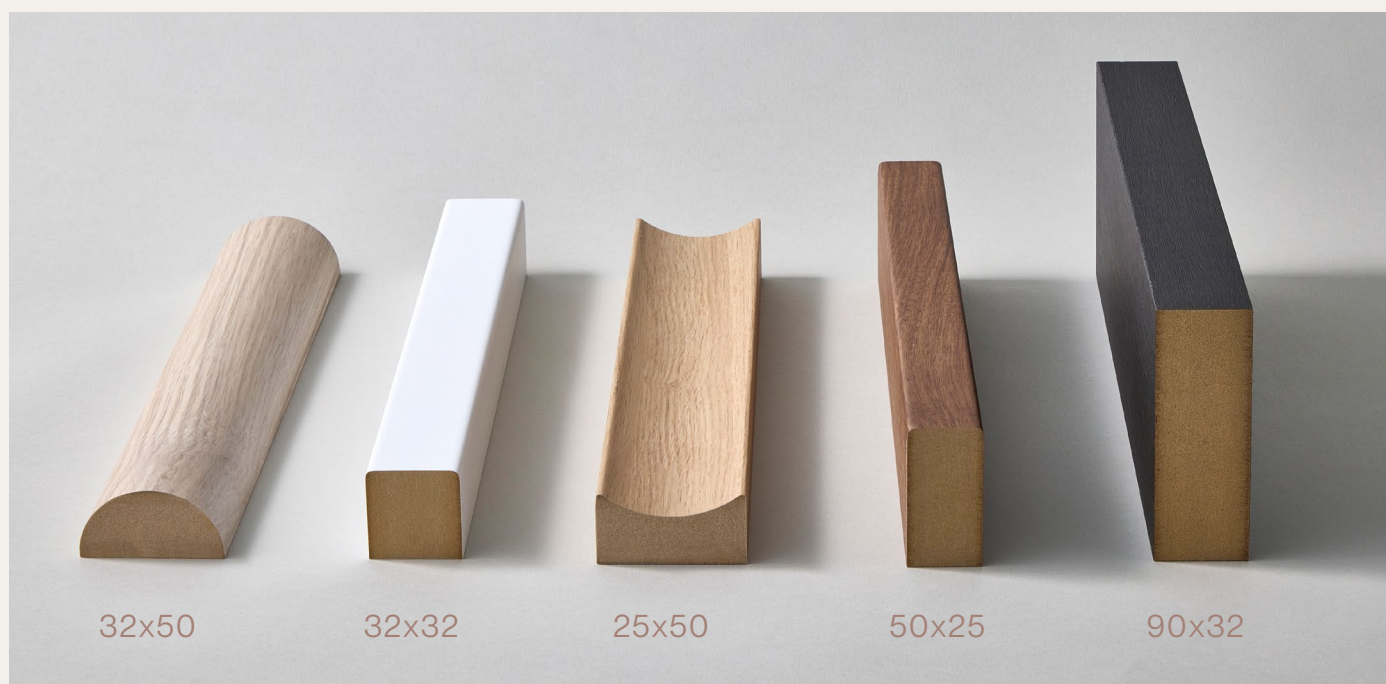


Figure 11. Stix® batten profiles prefinished in NAVURBAN™ decors



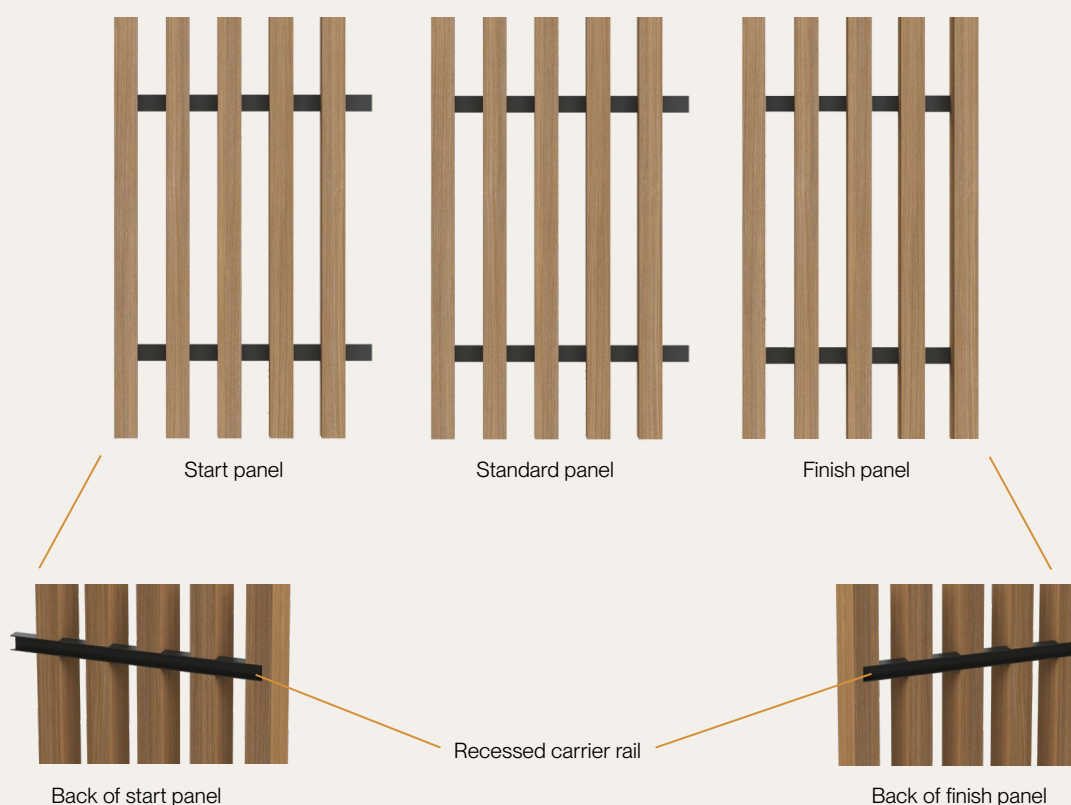
Panels

Finishing Options

Start and Finish Panels

If Start and Finish Panels have been ordered with your project, identify these prior to install as they should only be installed as the first or last panel in any run.

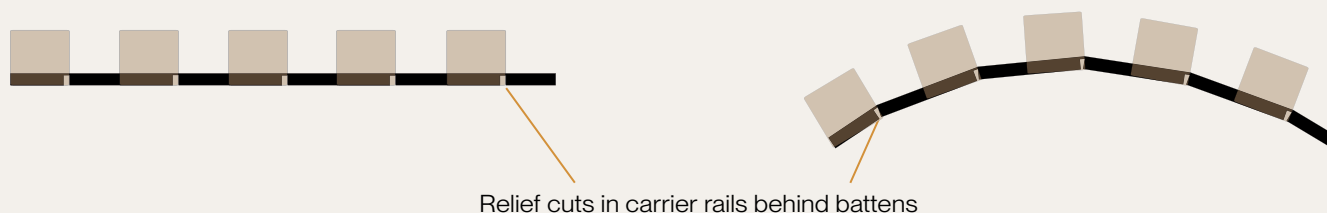
Figure 12. Start and finish panels with concealed carrier rails



Curved Panels

If curved Panels have been ordered for your project, the notches cut into the back of the brackets allow for manipulation to your desired radius during installation. This can be requested prior to ordering for convenience.

Figure 13. Curved Panels



Panels

Care and Maintenance Guide

Panels MR and Panels FR

NAVURBAN™ surfaces are easy to clean using a damp cloth and mild soap and warm water or non-abrasive wood cleaning products.

- Do not use abrasive cleaners, pads, or harsh solvents.
- Ensure to wipe in the direction of the grain structure for best results.

We recommend you test on a small area or sample prior to applying to surface.

- Do not allow and solvent, acetone or trichloroethylene to come in contact with the surface.
- Accidental spills, splatters or over sprays should be wiped off immediately with a soft cloth and mild soap.
- Alcohol, ammonia and other light solvents may be used for tougher stains.

Panels Solid Timber

Panels Solid Timber will look their best with periodic dusting. Should they require cleaning, we recommend wiping the battens with a clean, damp cloth.

If Panels are subjected to any moisture, please wipe them down immediately. Internal coatings should not be wet down or hosed as this will negatively impact the coating.

If in doubt about a particular cleaner or detergent, please reach out to your designated representative to assist with suitability.





**SCREEN
WOOD**

We're ready to help.

Screenwood Australia

432 The Boulevard
Kirrawee NSW 2232
Australia

+61 2 9521 7200

hello@screenwood.com.au

Be inspired

Explore our product innovations and
get inspired at screenwood.com.au

Acknowledgement of Country

In the spirit of reconciliation, we acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community. We pay our respect to their Elders past and present and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

Screenwood for all

Our products are for everyone, and so is our workplace. We believe in constantly building a diverse and inclusive culture for a more equitable world.

Disclaimer All care is taken in the preparation of the information and published materials produced by Screenwood. However, Screenwood does not make any representations or give any warranties about its accuracy, reliability, completeness or suitability for any particular purpose.