

# Surface Collective

Datasheet & Installation Guidelines

Acoustic Timber Panels



Proudly Australian

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## 1.0 Product Dimensions & General Data

<b>Dimensions</b>	2700 x 520 x 20 mm (Per Panel)
<b>Weight per Panel</b>	11 kg per panel
<b>Weight per Box</b>	<ul style="list-style-type: none"><li>• 22 kg - Box of 2 Panels</li><li>• 33 kg - Box of 3 Panels</li></ul>
<b>Coverage</b>	2 panels per box (1.40 m <sup>2</sup> )
<b>Slats</b>	13 slats per panel <ul style="list-style-type: none"><li>• Slat width: 27 mm</li><li>• Slat depth: 12 mm</li></ul>
<b>Packaging</b>	Available in: <ul style="list-style-type: none"><li>• 2 Panel Boxes</li><li>• 3 Panel Boxes</li></ul>
<b>Range</b>	Acoustic Timber Slats (Oil Finish – 3 Side Wrap)
<b>Construction</b>	<ul style="list-style-type: none"><li>• Real timber veneer surface</li><li>• Moisture-resistant MDF core</li><li>• Acoustic recycled felt backing</li></ul>
<b>Surface Finish</b>	Pre-finished with 5 coats of lacquer (oil finish) for improved durability and ease of maintenance.
<b>Edge Detail</b>	3-sided wrapped slat design for a clean, finished edge without the need for trims.
<b>Application</b>	<ul style="list-style-type: none"><li>• Interior wall applications only</li><li>• Suitable for residential and commercial interiors</li></ul>
<b>Environmental Limitations</b>	<ul style="list-style-type: none"><li>• Indoor use only</li><li>• Not suitable for exterior or semi-exposed areas</li><li>• Must not be exposed to direct sunlight or UV</li><li>• Splash-resistant surface only</li><li>• Not waterproof and not suitable for showers, wet rooms, or areas subject to constant moisture</li></ul>

## 2.0 Installation Guide

### A NOTE TO INSTALLERS AND HOMEOWNERS

Thank you for choosing Surface Collective's **Acoustic Timber Slat Panels**. These panels are crafted using real timber veneer, a moisture-resistant MDF core, and an acoustic felt backing to deliver both visual warmth and acoustic performance in interior spaces. As timber is a natural material, variations in colour, grain, and texture are to be expected and form part of the product's character.

To achieve the best possible finish, panels must be installed in stable indoor environments only. While the surface is pre-finished with 5 coats of lacquer (oil finish) for improved durability and ease of maintenance, the panels are splash-resistant only and are not designed for direct water exposure, outdoor use, or prolonged exposure to sunlight or UV.

Prior to installation, all panels should be inspected and acclimatised in the installation space. Any panels with visible damage should not be installed. Correct site preparation, layout planning, and adherence to the installation guidelines are essential to ensure a clean finish and long-term performance.

For best results and to maintain product integrity, installation should be carried out by a competent installer and in accordance with Australian building practices, the NCC, and relevant AS/NZS standards.



## 2.1 Tools & Materials Checklist

Having the correct tools and materials on hand will help ensure a smooth, efficient installation and a clean final finish. Review the list below before starting.

### Required Tools & Materials

- ◆ Surface Collective Acoustic Timber Slat Panels
- ◆ Fast-grab wall panel adhesive (suitable for interior use)
- ◆ Tape measure, pencil, and spirit level
- ◆ Circular saw, jigsaw, or fine-toothed hand saw
- ◆ Utility knife
- ◆ PPE: safety glasses, dust mask, gloves

### Optional / Recommended

- ◆ 35mm plasterboard screws (for mechanical fixing)
- ◆ Drill or screwdriver
- ◆ Small screws (approx. 15mm) for re-securing slats after cutting
- ◆ Silicone sealant and applicator gun (for finishing edges if required)
- ◆ Cleaning wipes or damp cloth

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## 2.2 Site Preparation

Proper site preparation is essential for long-term performance and appearance.

- ◆ Panels are suitable for interior wall installation only
- ◆ Ensure the wall surface is flat, dry, clean, and structurally sound
- ◆ Suitable substrates : plasterboard, plywood, MDF, concrete, & masonry
- ◆ Remove dust, debris, loose paint, or fixings from the wall
- ◆ Confirm all electrical & plumbing services are complete prior to installation

### Environmental Conditions

- ◆ Install only in stable indoor environments
- ◆ Recommended conditions: 15–25°C and 40–60% relative humidity
- ◆ Panels must be acclimatised indoors, laid flat, for a minimum of 24 hours
- ◆ Avoid installation in areas exposed to direct sunlight or constant moisture

## 2.3 Panel Cutting & Adjustments

Panels can be easily trimmed to suit wall dimensions.

- ◆ Measure and mark all cut lines clearly before cutting
- ◆ Panels may be trimmed in height or width using a saw
- ◆ When cutting through slats, re-secure the cut slat ends to the felt backing using small screws
- ◆ Take care to protect the decorative surface during cutting
- ◆ Dry-fit panels after trimming to confirm alignment

## 2.4 Step-by-Step Installation

Install panels by dry-fitting, gluing, locking into place, and sealing all edges for a neat, watertight finish.

### ◆ Step 1 – Layout & Set-Out

Before fixing any panels, measure the wall and plan the overall layout. Dry-lay the panels on the floor or against the wall to confirm spacing, alignment, and visual consistency. Once satisfied, mark reference lines on the wall to guide installation and ensure panels remain straight and level throughout the process.

### ◆ Step 2 – Fixing Method

#### **Adhesive Fixing (Recommended)**

Apply wall panel adhesive directly to the felt backing in vertical or zig-zag beads. Position the panel against the wall, aligning it with the reference lines. Press firmly across the entire surface of the panel to ensure even adhesive contact, then maintain pressure for approximately 20–30 seconds to achieve a secure bond.

#### **Mechanical Fixing (Optional)**

Panels may also be mechanically fixed by fastening through the felt backing into the wall using 35 mm plasterboard screws. Space fixings evenly across the panel, with approximately 15 fixings per panel. Continue installing panels side-by-side, ensuring consistent alignment as you progress.

### ◆ Step 3 – Alignment

Check alignment regularly using a spirit level to maintain a straight and professional finish. Panels should not be forced tightly together; allow the felt backing to sit naturally so that joints remain clean and even.

**◆ Step 4 – Final Panel**

If required, trim the final panel to suit the remaining wall width. Once cut, install the final panel using the same fixing method as the previous panels, ensuring alignment and finish remain consistent.

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## 2.5 Finishing Touches & Trims (Optional).

Acoustic Timber Slat Panels feature a 3-sided wrapped slat design, providing a clean finished edge without trims.

Trims are not required for most installations, Optional trims may be used if a framed or decorative edge is desired.

**◆ Corner Trims**

For the corner trim, fit it with adhesive onto the wall before installing panels and slide the panels into the trim.

**◆ End & Top Trims**

Apply sealant in the channel before fixing the panel into place on the panel. Then install the panel onto the wall.

**◆ Final Sealing**

Seal all trim joins for watertight protection. Clean immediately for a refined finish.

## 2.6 Cleaning and Care

Once installed, panels require minimal maintenance.

- ◆ Dust or vacuum regularly using a soft brush attachment
- ◆ Wipe gently with a slightly damp cloth if needed
- ◆ Do not use abrasive cleaners, solvents, or harsh chemicals

## 3.0 Frequently Asked Questions

### ◆ How do the Acoustic Timber Slat panels arrive?

Acoustic Timber Slat panels are supplied flat-packed in protective cardboard boxes. Panels are manufactured in a standard size of 2700mm high and can be trimmed to suit your wall height. They may be installed vertically, horizontally, or in custom layouts depending on the design intent.

### ◆ Do the panels come in larger or custom sizes?

The standard panel size is 2700mm × 520mm. Custom sizes can be arranged for larger projects, with heights available up to 3.5m for orders of 20 panels or more. Custom orders require a lead time of approximately 2–3 months. Please contact us to discuss project requirements.

### ◆ Can Acoustic Timber Slat panels be installed in kitchens or bathrooms?

Yes. The panels are suitable for dry areas and low-moisture environments such as kitchens, powder rooms, and bathrooms, provided they are not exposed to direct or constant water. While the panels are moisture-resistant and splash-resistant, they are not suitable for showers or wet areas. For fully waterproof applications, we recommend our [Hybrid Waterproof Wall Panels](#)

### ◆ Can the panels be used outdoors?

Acoustic Timber Slat panels are intended for interior use only. They may be installed in fully enclosed outdoor spaces that are protected from weather, moisture, and direct sunlight, but should not be exposed to the elements.

### ◆ What surfaces can the panels be installed on?

The panels can be installed on most interior surfaces, including plasterboard, plywood, MDF, brick, concrete, and joinery. Installation on wall or ceiling battens is also possible, provided batten spacing does not exceed 600mm. When installed on battens, panels are decorative only and are not designed to carry additional loads.

### ◆ How are Acoustic Timber Slat panels installed?

Panels are pre-finished and ready to install. They can be fixed directly to the substrate using wall panel adhesive, mechanical fixings, or a combination of both. Panels can be cut to size using standard woodworking tools. No sanding, staining, or sealing is required.

### ◆ Are the panels fire rated?

Yes. Acoustic Timber Slat panels have been tested in accordance with AS ISO 9705 and achieve a Group 3 fire rating, making them suitable for residential and selected commercial applications where certified wall linings are required.

### ◆ Do the panels improve acoustics?

Yes. Each panel features an integrated acoustic felt backing designed to absorb sound, reduce echo, and soften reflections within a space. This improves overall comfort in areas such as living rooms, offices, meeting spaces, studios, hospitality venues, and commercial interiors.

### ◆ What is the lead time for wholesale orders?

Lead times vary depending on order size and stock availability. Please contact our sales team for current turnaround times.

## 3.0 Frequently Asked Questions

### ◆ What support do you offer trade customers?

We provide detailed product datasheets, installation guides, and dedicated sales support for trade partners.

### ◆ How will my order arrive?

We pack orders and ship them out from our warehouse next business day with our network of reliable couriers. You will likely receive in 2 - 5 business days, although remote regional areas may take up to 7 days.

If you have any delivery related notes or requirements, feel free to reach out to [support@woodspace.com.au](mailto:support@woodspace.com.au) and we will be happy to assist.

### ◆ What is your returns policy?

We are absolute believers in our product and we provide the most generous returns policy in the industry, where you can return any resellable products to us for a full refund within 30 days of purchase. You will need to transport the returned product to us safely and in original condition for us to honour the return. Any costs associated with transporting it back to our warehouse will be your responsibility.