

GLOSSWOOD®

INSTALLATION & MAINTENANCE GUIDE ACOUSTIC PANELS

APPLICATION

Glosswood Acoustic Panels are designed for internal use in residential and commercial applications. The Acoustics range is suitable for walls, ceilings and suspended ceiling applications.

MATERIALS

TIMBER

Glosswood used certified paulownia plantation timber which has been sustainably grown and harvested. For more information visit our website www.glosswood.com/about

COATINGS

Glosswood Acoustic Panels are available in prefinished Matte and Satin finishes.

ACOUSTIC FABRIC

All Glosswood Acoustic Panels include P44FR Acoustic Absorbing Textile Fabric in black as standard.

FIXING MATERIALS

The Acoustic Panels are manufactured with reinforced Aluminium Powder Coated fixing plates in a Matte Black finish. Timber fixing screws are supplied with each panel.

DIMENSIONS

STANDARD PANEL DIMENSIONS

Width: 368mm
Length: 2700mm
Thickness: 30mm
Timber batten: 26mm
Gap between battens: 12mm
*Panels can be cut to custom length with 10% cutting fee. Minimum quantities apply.

TIMBER PROFILES

Standard
26mm Square
26mm Round

PANEL COVERAGE

The 368mm wide Acoustic Panel has a 380mm width cover as there is a 12mm overhang of fabric (1.026m² per panel)

PANEL WEIGHT (Based on a standard: 26x26x2700mm)

Weight per m²: 5.48kg
Weight per panel: 5.6kg

ACOUSTIC RATING

ACOUSTIC RATING

Please speak to the Glosswood team if you have specific project requirements. Glosswood have achieved a Noise Reduction Coefficient (NRC) rating of up to 1.00* during testing (using 50mm Matting).

*NRC results may vary depending on factors such as application, room size, materials etc.

ADDITIONAL MATTING

In addition to the black Acoustic Textile, additional 25mm and 50mm Acoustic Insulation Matting can be installed behind the panel.

NOTES

BRACKET PLACEMENT

There are three screw holes in each powder coated aluminium mounting bracket attached to the back of each Acoustic Panel. This ensures mounting of the Acoustic Panels to rafters at 450mm or 600mm centres. Each 2700mm Acoustic Panel has five black powder coated aluminium mounting strips at 600mm centres.

NOTE: Glosswood will produce the Acoustic Panels with the fixing strips located to the required centre.

ACCESS POINTS & LIGHTING

As the Acoustic Panels are lightweight, they can easily be removed to gain access to building services. The Acoustic Panels are suitable for use with lighting configurations. Installing of lighting and building services can accommodated by trimming on site.

SPACING

Glosswood Acoustic Panels appear seamless side-by-side. When the panels are butt joined end-to-end the panels do not appear seamless due to the 1-2mm variance with natural timber. The Acoustic Panels can be butt jointed, however it is recommended to leave an express gap between panel ends. Glosswood provides two 12mm spacer blocks with each order for panel spacing and end spacing.

CUSTOMISATION

Please speak to a Glosswood Sales Representative to discuss the project requirements. Custom size panels by individual quotation.

* Minimum quantities apply

ORDERING

Acoustic Panels are sold directly through Glosswood due to the high level of detailing required. Please call our team on 1300 882 064 or email info@glosswood.com.au

INSTALLATION GUIDE

Carefully read this guide prior to installing Glosswood Prefinished Acoustic Panels.

Building Codes of Practice must always be strictly observed for undercover external timber installations. There is no warranty or guarantee offered for damage to Glosswood caused by water or moisture, including damage caused due to an incorrect installation procedure of a Glosswood Product, except as required by law. Guarantees may not apply if these guidelines are not followed

1 INSPECTION OF EACH PANEL IS REQUIRED BEFORE INSTALL

Inspect the product on delivery and notify Glosswood within 7 days of any defect/damage, shortage in quantity or does not comply with the description or quote. Notify Glosswood as soon as reasonably possible of any concerns; Glosswood must be able to have access to inspect the product before installation. Timber is a natural product, so colour, shade tone, markings and grain may vary from samples provided. Visual inspection is necessary prior to installation to ensure you are satisfied with your purchase as there is no responsibility accepted by Glosswood once the product is installed.

2 USE CORRECT TOOLS & SAFETY PROCEDURES

Required tools: Tape measure, spirit level, string line, fine-tooth panel saw, electric / battery drill, posi drive extension bit, end-sealer and panel spacer blocks (end-sealer provided with all orders). End sealer is not for touching up the face of the panels, only end-sealing.

Health & Safety: Wear a dust mask, safety glasses and ear protection when using power tools and sawing.

3 PREPARE THE SURFACE & ALLOW FIXING POINTS

Glosswood Acoustic Panels can be fixed to ceiling rafters, suspended ceilings, joists, trusses, wall framing (stud walls) or battens attached to masonry walls (battens must be spaced at 600mm centres apart to accommodate the Acoustic Panel aluminium brackets fixing points - refer to installation drawings). Glosswood Acoustic Panels come with acoustic scrim backing as standard. If additional 25mm or 50mm Acoustic Matting is ordered, a raised panel allowance will be required so it can be placed behind the Acoustic Panel - Please discuss with Glosswood team for clarification if required.

4 POSITION THE ACOUSTIC PANEL

Position the Acoustic Panel and rubber G Clamp the panel into position. Do not clamp too tight as this may damage the face of the Acoustic Panel.

5 LOCATE THE FIXING PLATES

The aluminium fixing plates are located at 600mm centres on the rear of the Acoustic Panel. There are three fixing screw locations on every aluminium fixing plate. Fixing screws are supplied with each Acoustic Panel, however a posi drive screw extension must be used to ensure no contact is made with the drill to the face of the Acoustic Panel. Screw the centre screws first, which will hold the panel into position allowing the remainder of fixing screws to be fitted.

Tools Required:



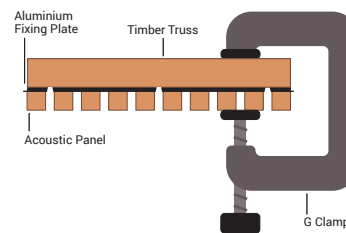
Electric Drill



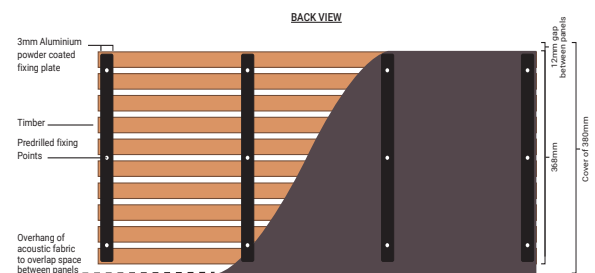
G Clamp

ALSO:

- Posi Drive Extension Bit
- Spirit Levels
- String Line
- Tape Measure
- Fine Tooth Circular Saw
- Fixing Screws - Supplied by Glosswood
- End Sealer - Supplied by Glosswood (for Matze orders only)



Position the Acoustic Panel and G Clamp into position.



Screw the centre panel using a posi drive screw extension.

6 FIX ACOUSTIC PANEL TO WALL OR CEILING

Acoustic Panels can be attached to timber truss' or to a suspended ceiling furring channel. The suspended ceiling furring channel will require an MDF or timber plate to be attached to the furring channel to provide a fixing point to allow the Acoustic Panel to be fixed into place using timber screws provided.

7 USE SPACER BLOCK FOR LOCATION POSITION OF ACOUSTIC PANELS

There are two temporary spacer blocks provided with each Acoustic Panel order. The spacer blocks are used to allow exactly the same 12mm gap to be created between each panel. Position the second Acoustic Panel after the first, repositioning the G clamps by placing the spacer blocks between the first fixed panel and the next panel. NOTE: Glosswood recommends an expansion joint between panel ends. The spacer blocks can also be used to leave a 12mm gap between panel ends.

8 END-SEALING MAY BE REQUIRED

Glosswood Acoustic Panels are supplied end-sealed. However, if panels need to be adjusted in their length use a panel saw with a multi-fine tooth saw blade and cut with the face of the panel facing up to achieve a clean cut on the finished surface. Proceed slowly to avoid chipping the panel. It's mandatory every fresh cut is resealed to prevent moisture ingress. Do not over-coat the face as it will alter colour appearance. Wear disposable gloves during installation and take great care not to transfer colour to the face of the Acoustic Panel as it may alter the colour appearance.

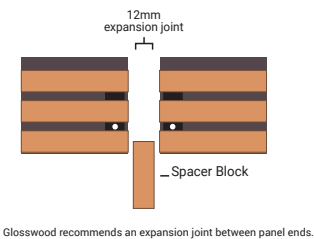
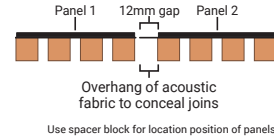
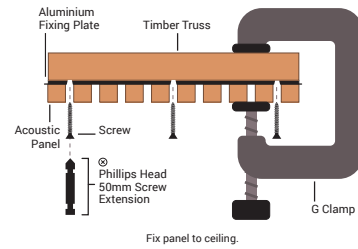
Matte orders: Glosswood supply a 250ml tin of end-sealer for all Acoustic Panel orders that are Matte finish.

Satin orders: Glosswood recommend an end-sealer of a similar colour i.e. Bondall Monocel Gold Clear Timber Varnish.

9 FIXING THE TRIM

Glosswood offers trims in the matching colour of the Acoustic Panel if required. If nailing trims with a Satin finish, use bathroom coloured silicon or similar to fill in pin indents.

NOTE: Acoustic Panel battens consist of two pieces of timber joined to provide the 2700mm set length.



MAINTENANCE & CLEANING GUIDE

CLEANING THE ACOUSTIC PANELS

Clean the Glosswood Acoustic Panel on a regular basis to avoid build-up of dust, cobwebs and sea salt residue. Glosswood recommend a soft bristle brush for Matte panels or a lint-free cloth for Satin panels. DO NOT use water or a solvent-based cleaner because they may change the appearance of the coated timber battens.

PERFORM REGULAR CHECKS

Inspect the panels regularly for any potential change in appearance as this could indicate water and moisture damage occurring. If you observe any moisture on the panels, take immediate action to stop ongoing water exposure as damage will occur after prolonged exposure.

MOULD ISSUES

Biocides are added to all our coatings to assist in combating mould growth. However, surface mould may appear if moisture and air-borne mould spores are present at your location. Moisture, dirt, dust, fly specks, insects and biofilms (caused by outdoor barbecues) provide nutrients that assist mould spores to attach and multiply. Avoid this with regular maintenance and cleaning. DO NOT use high-pressure spray units. Semi-tropical or mountainous locations with excessive rain and 60%+ humidity are more prone to mould and fungus, so be particularly vigilant in these regions. If you have a mould issue, research online for non-solvent and non-abrasive cleaning methods for your region.

REQUIRED READING

ACCEPTABLE CHARACTERISTICS

Glosswood embraces the natural variation of timber in colour, tone and grain; Glosswood recommends blending packs as there may be tonal variation within your consignment. The Glosswood Acoustic Panel range have factory lamination join lines.

MOISTURE CONTENT

Timber panelling is usually supplied at an average moisture content of 11-13%. This moisture content suits coastal areas (i.e. Queensland) where the average moisture content of internal timbers is about 12%. Where conditions are drier (i.e. inland Queensland or air-conditioned buildings), the average moisture content is 8-12% which is why acclimatising the boards is important prior to installation.

MOISTURE EXPOSURE

Glosswood Matte timber lining boards are sealed on all four sides with a Matte coating. This superior coating helps to ensure greater stability of the Glosswood product, but is not to be considered moisture-proofing. **When installing in a ceiling** discuss with your builder or installer the use of a waterproof membrane between the ceiling and your roof, especially if it is a metal roof (these are prone to condensation in the roof cavity). Waterproof membrane insulation also assists in avoiding water damage caused by roof and tile problems. **Do not install where water or moisture exposure may occur or** could be considered a problem, including pool and spa locations. Discuss application with a qualified builder or similarly qualified person.

NOTE: Glosswood is not responsible for installer's advice.

RECOMMENDED APPLICATION

Glosswood Acoustic Panels have been designed to be installed internally, to assist in sound absorption within the interior. If you wish to use the Acoustic range undercover and protected externally, please speak to the Glosswood team prior.

USE A QUALIFIED INSTALLER

Persons attempting installation should have some natural aptitude or training. Methods described in this guide are not necessarily the only satisfactory procedures.

ACCESS BEHIND THE ACOUSTIC PANEL

Glosswood Acoustic Panels can be unscrewed at any time to gain access to the ceiling cavity to carry out any maintenance to any services (electrics, plumbing etc). A purpose built access entry point is not required for Glosswood Acoustic Panels.

PANEL COVERAGE

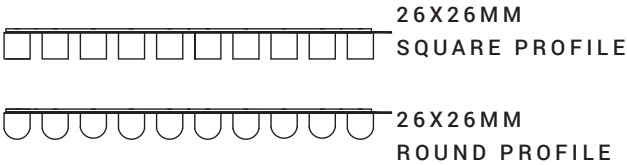
Refer to Panel Coverage in the table below:

PANEL WIDTH	PANEL COVERAGE
Acoustic Panel: 368mm	380mm

Based on a standard Acoustic Panel

PROFILE DRAWINGS

NOT TO SCALE



All care has been taken in preparing instructions, however no responsibility for loss or accident, howsoever caused, is accepted.