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SOLID TIMBER ACOUSTIC SLAT PANEL – INSTALLATION INSTRUCTIONS 2700 SERIES

Thanks for choosing Prempanel Solid Timber Acoustic Slat Panel. To ensure you get the best from you Wooden Slat Panel, please ensure you follow the instructions below.

Use Prempanel Solid Timber Acoustic Slat Panels in hallways, lounge rooms, dining rooms, kitchens, bedrooms, and offices. Prempanel Timber Acoustic Slat Panels can be used to cover existing walls and ceilings.

DO NOT use Prempanel Solid Timber Acoustic Slat Panels in areas where the panels may get wet or damaged By moisture. Avoid using Prempanel Solid Timber Acoustic Slat Panels in areas where flames are present such as cooking spaces and around fireplaces.

Caution: These decorative panels are designed for installation over the top of existing wall and ceiling linings. New build installations require a flat sheet substrate for panels to be fixed to.

Colour Variation

Due to the solid wood battens being a natural product, colours will vary slightly between panels. Please ensure any colour matching is done prior to installing the panels.

Storage and Handling

- Take care when storing your panel as the edges could get damaged if they encounter hard surfaces.
- Avoid storing near fires or hot surfaces.
- Lay panels flat on the floor or against a wall with a slight lean, supported by spacers to avoid direct contact with the floor.
- If not installing immediately, cover the panels to protect them from splits and marks.

Cutting

To reduce chipping or damaging the face veneers on the panels, please adhere to the instructions below.

1. Always cut the panels from the wood slat side.
2. Mark out your cut with a pencil first (do not use a pen or permanent marker)
3. Once you have your markings, run a piece of 25mm wide masking tape from one cut point to the opposite.
4. Ensure the masking tape is stuck down at every surface point of the wooden slats.
5. Remark you cut line onto the tape.
6. Only use a fine tooth saw or circular saw to make the cut.
7. Guide the saw slowly to not gouge the edges of the wooden slats.
8. If using a circular saw, clamp a straight edge to the panel to ensure a smooth and straight cut.
9. When finished, remove the masking tape, and wipe away any residue.

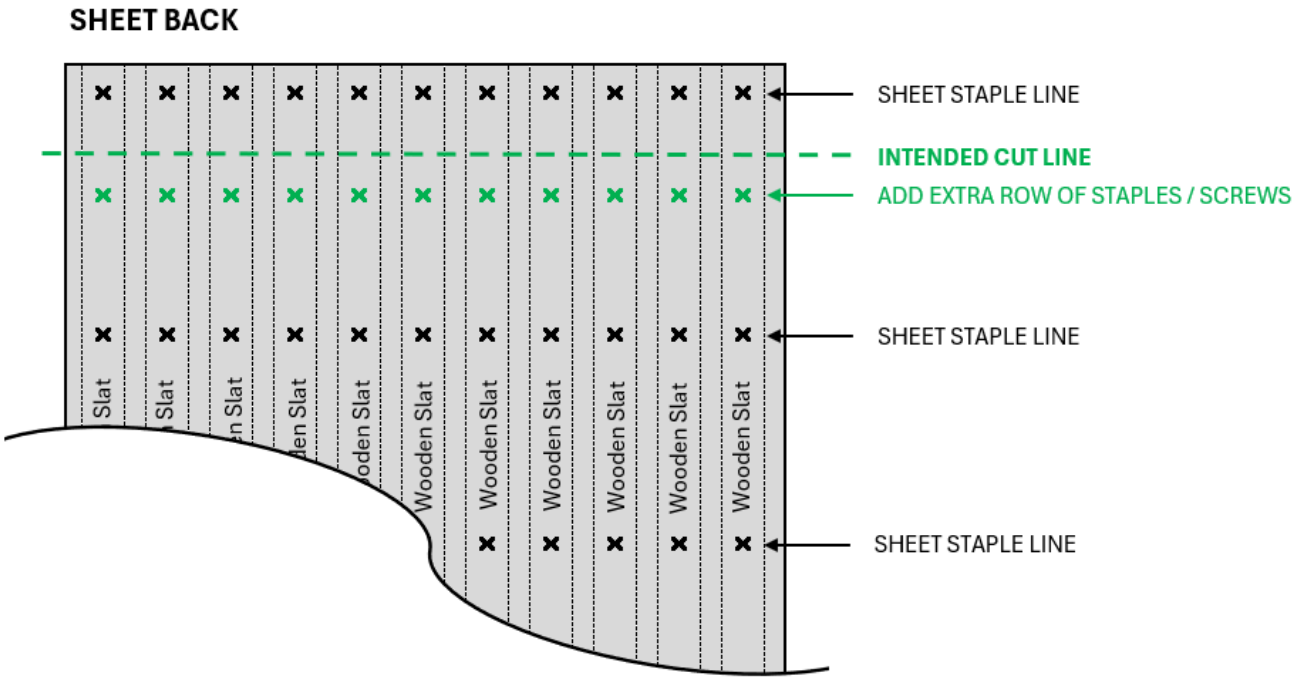
Repair the panel after cutting.

Cutting the panel may loosen the felt attached to the back as staples are 300mm apart. If the felt is loose after cutting, re-attach the felt to the back of each of the wooden slats with 16mm steel staples or 6g x 12mm wood screws. Be careful not to drive screws in too far as this could damage the wooden battens on the face.

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Tip:

For best result, before cutting, mark a line on the back of the panel, where your intended cut will be. This can be done by attaching masking tape to the felt as a guide. Add an extra row of 16mm staples or 6g x 12mm screws to each batten by lining up with the existing staples on the back of the panel. Allow a space of around 20mm- 40mm from your intended cut as shown below. This will give an even batten spacing after your cut is made.



Installing the panels – to flat surface.

Once you have cut your panel to size it's easy to install.

1. Ensure the flat surface is even and stable before fixing panels to the surface.
2. Flip the panel with the battens face down onto a soft surface to avoid damaging the wooden slats.
3. Apply a good quality construction panel adhesive glue to the back of the panel.
4. Follow the glue manufacturer's instructions regarding cure times for the glue, prior to fixing to the wall.
5. Fix the panel to the wall.

    a. Angle the panel so the bottom connects with the bottom of the wall.
    b. Carefully push the panel into the wall and ensure it is square by using a spirit level.
    c. Screws the panel into place and apply pressure to the panel until the glue is dry.

Note: For the best adhesion we recommend using screws for all applications. Screws MUST be used in the following situations.

1. Where panels are stacked on top of other panels to achieve more height on a wall, they must be glued, and screw fixed to the wall.
2. Where panels are fixed to ceilings, they must be glued, and screw fixed to the ceiling.

Caution: Fixing panels to ceilings require more than one person as well as a safe platform with which to stand while installing. Please ensure the area is safe prior to installing the panels.

Screws: Use 8g x 40mm Button Head wood screw or stitching screws, fixed at 300mm centres across the width of the panel and 600mm centres along the length of the panels. Fix screws through the black felt. Use black coated screws if installing panels with black felt.

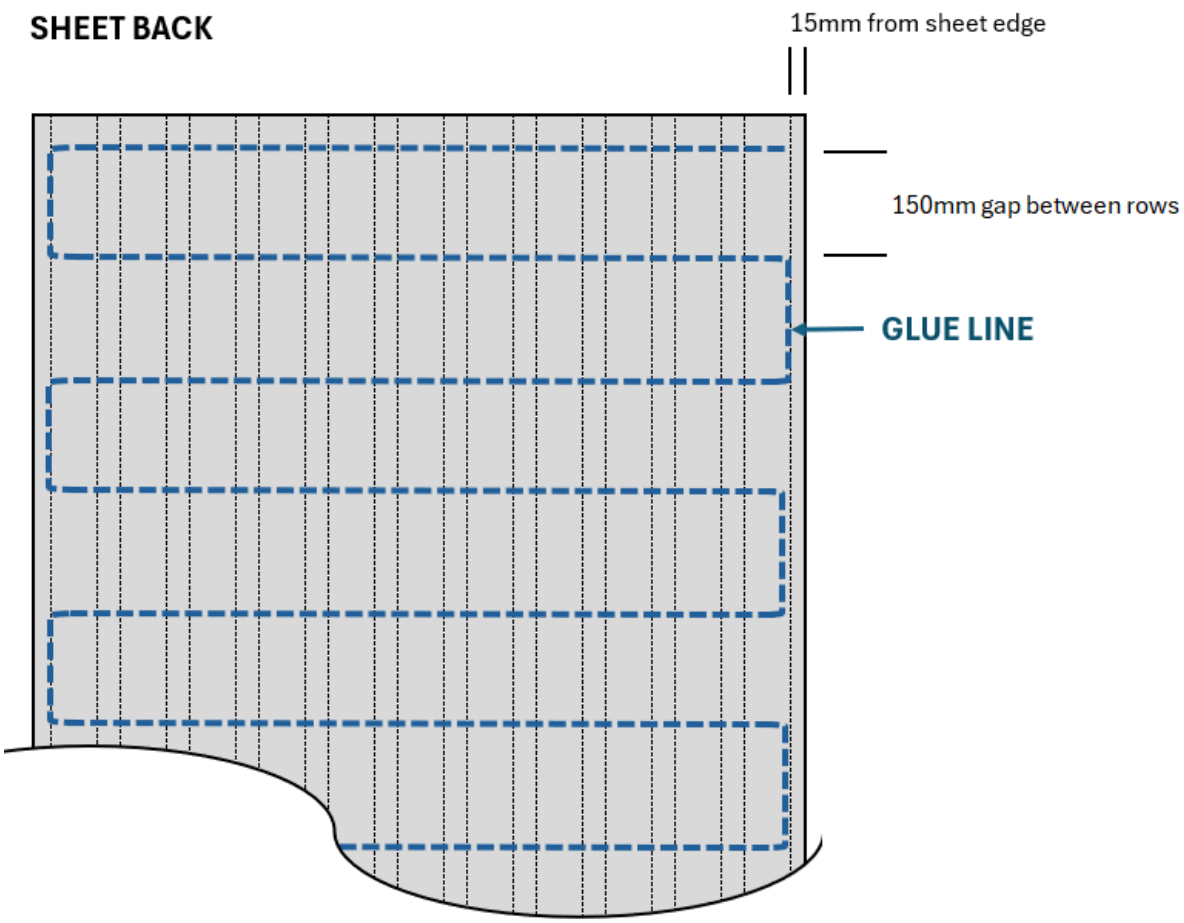
Do Not use countersunk head screws as these will not provide the holding required to secure the felt.

Ceiling Installation Caution.

Unlike walls where battens may be used to fix the panels to, in order to achieve a higher level of acoustic performance, ceiling substrates must be a flat surface such as plasterboard or plywood. This method will reduce the risk of the wooden slat sagging in a ceiling installation. Refer below for glue application for flat ceiling and wall substrates.

Flat Substrate Glue Detail.

When fixing panels with construction glue to flat surfaces such as plaster board or plywood, apply the glue to the back of the sheet like the diagram below.



Fixing Panels onto timber battens – Walls Only.

Using timber battens over flat walls provides further acoustic performance. Battens should also be used when fixing over internal concrete walls.

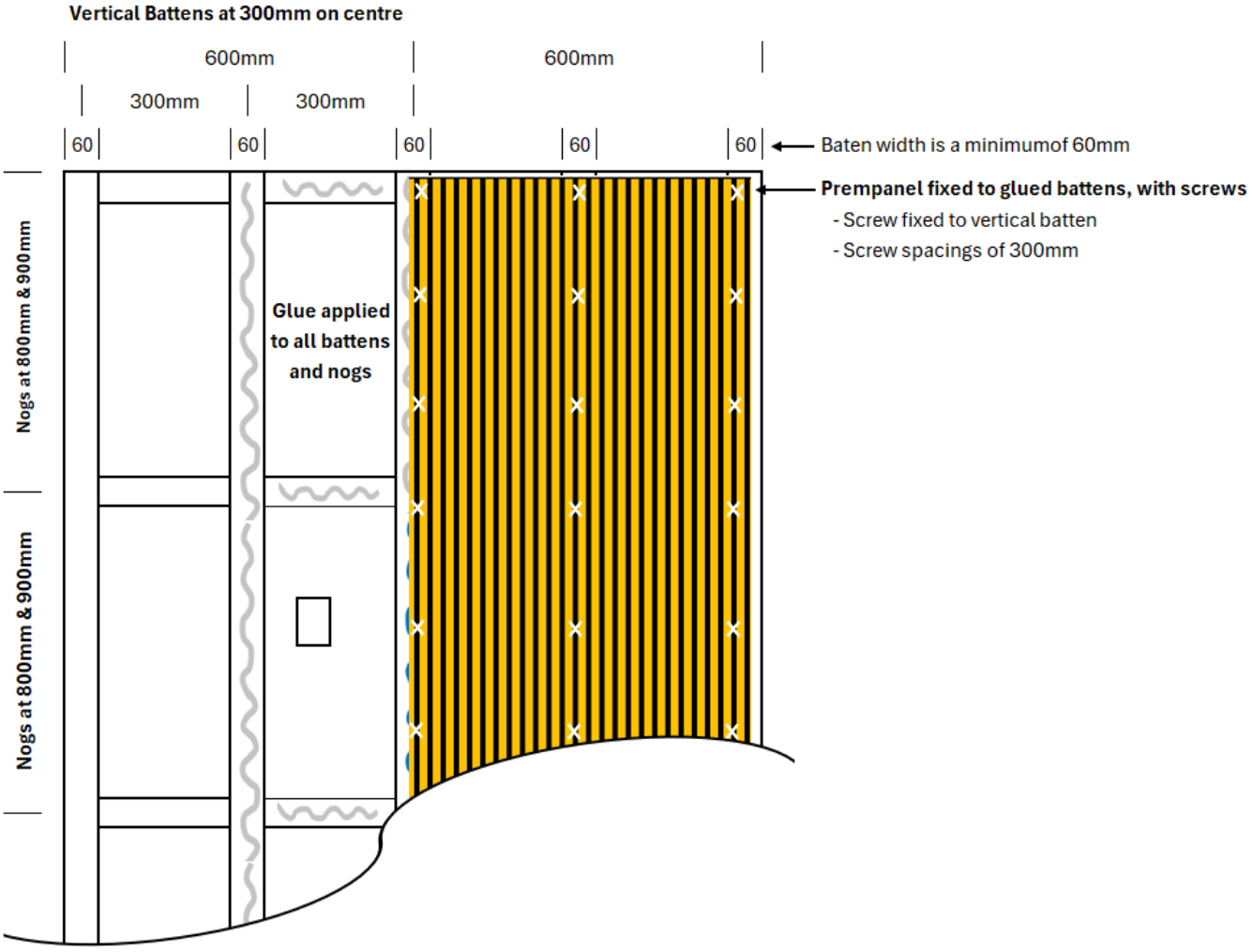
When fixing to battens please ensure that.

1. The battens are fixed to a straight and stable wall.
2. For internal block walls only install battens and prempanel if the wall is straight, even and not subject to moisture from the external environment.
3. Battens should be fixed at and 900mm centres for 2700mm sheets.
4. When fixing panels to battens.
    a. Ensure battens are straight, even and stable to support the weight of the panels.
    b. Apply construction glue to the battens before putting the panel in place.
    c. Angle the panel so the bottom connects with the bottom of the wall.
    d. Carefully push the panel into the wall battens.
    e. Screws the panel to the battens using 8g x 30mm Button Head wood screw or stitching screws.

Note: Timber battens used to fix panels over concrete walls must be a minimum or 25mm (thick) x 60mm (wide). Refer wall batten layout in the diagram below.

Note: Panels can be applied to steel pressed battens if they are a minimum of 60mm wide and able to adhere with construction adhesive. Screws will differ to those used for timber battens (refer steel batten manufacturers advice) but must be screwed with the same spacings as timber battens (refer diagram below).

PREMPANEL ACOUSTIC PANELS - BATTEN FIXED TO WALL DETAILS



Finishing your panels

Prempanel Decorative Wooden Slat Panels require no staining or painting. Simply wipe down the surfaces using a damp soft cloth. If the surfaces require cleaning, use a mild detergent to wipe down and allow to dry.

Maintaining you panels after installation.

Prempanel Timber Acoustic Slat Panels require very little maintenance. Keep clean by wiping down the surfaces when they are dirty, or when dust builds on the panels.

To remove any dust, build on the felt backing, use a soft brush, or soft brush attachment on your vacuum cleaner. When using a vacuum cleaner, take extra care to ensure the hard edges of the vacuum pipe or fittings do not damage the edge of the wooden slats.