

Recycled Timber Lining Board Installation Guide

The **Queensland Timber Technical Data Sheet** on Timber Lining boards-Timber Panelling can be found on the Resources page of the Timberzoo website. It is a competent and recommended installation guide for Timberzoo recycled timber lining boards.

Finishes

All boards may be pre-coated on site with either water-based polyurethane clear finish, a solvent based polyurethane or modified waxes – and if this is undertaken then sealing both sides is an added protection against cupping or movement. The protection offered by sarking foil and insulation materials to the back face of boards is usually adequate protection against acquired moisture – but in the following circumstances sealing the back of boards is highly recommended:

- When installed above rafters and close to underside of roofing materials
 - When installed in areas of changeable humidity such as bathrooms and exterior weather-protected soffits or walls
- Timberzoo does not offer a precoating service.

Moisture Content and Acclimatisation

Timber Lining boards and Shadowline are dried to seasonal average moisture content for Melbourne. This average varies from summer to winter outputs between 9% and 13% MC. All timbers can absorb and release moisture. To avoid excessive movement in your panelling, it must be protected from high humidity, weather, and direct sunlight. Effective acclimatisation means the boards must be loose laid inside on site or strip-stacked in layers allowing airflow around each board. If your site building is not weather-proof, do not attempt acclimatisation.

Storage & Handling

Delivery of lining boards is usually booked to arrive on site in the morning. Packs must be opened, and timbers moved inside to dry storage. Packs must not be left outdoors overnight. Carports are not suitable dry storage areas and plastic wrap and tarpaulins are not adequate moisture protection for timber lining boards left outside. There has been a careful chain of custody in maintaining dry storage to this point and an inability to comply with site storage requirements will affect any warranty on timbers. Please familiarize yourself with our lining boards prior to ordering. You can see the real thing in our Timber Shed on a visit at any time. Boards are featured on our website. Our sales staff will forward images of the timber used in projects and can provide samples for you to take home for comparisons and test finishes.

Due to the recycled nature of this resource all our lining boards have 'defects.' These are minor and are the marks of age carried by recycled timber and described on our website. The purchaser should be aware of this prior to purchase and no claims may be made in respect of visible defect after purchase – unless it is genuine damage inflicted during delivery.

Maximum Spacing of Supports

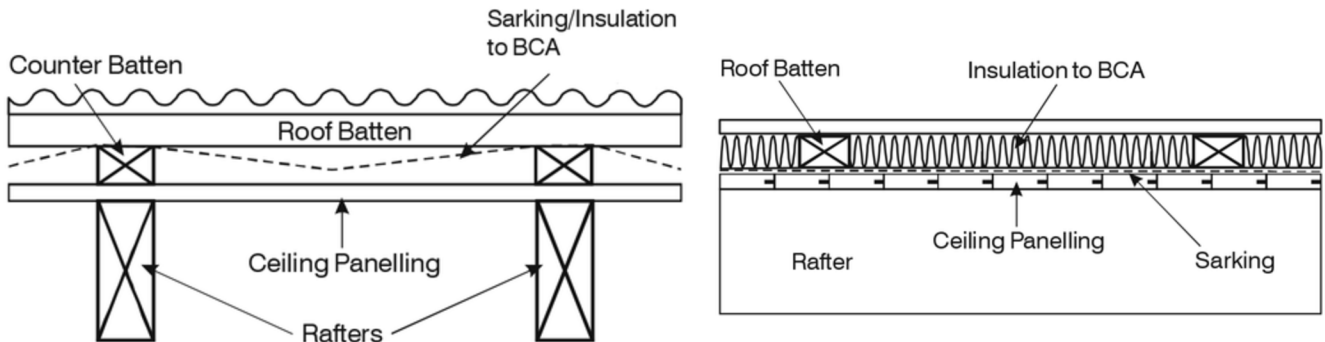
Lining boards can be installed over a plywood or sheet foundation, but if they are installed directly to studs, ceiling joists or battens then the spacing intervals are given in the table below:

Application	Lining Thickness (mm)	Spacing of supports (mm) 90° to Lining	Spacing of supports (mm) 45° to Lining
Wall	9 - 14	900	600
Wall	19 - 22	1350	1000
Ceiling	9 - 14	600	450
Ceiling	19 - 22	1200	900

Advice on Recycled Timber Lining Boards

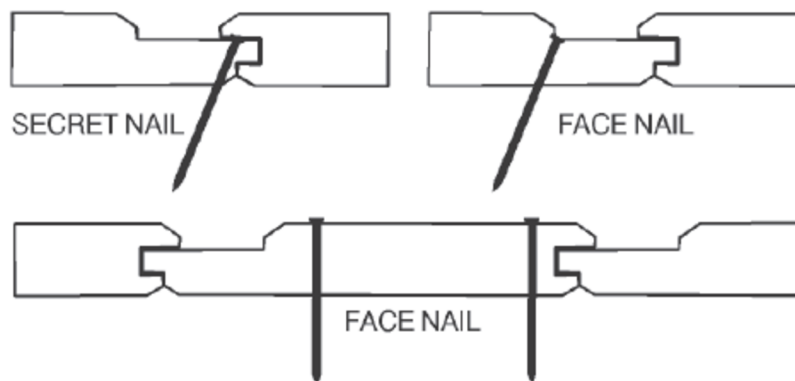
Ceiling boards fixed above Rafters

With no roof coverings, this can only be done in dry weather with overnight protection from dew. It is best to use precoated boards – finished on both face and back. After installation, cover boards with a vapour-permeable sarking. This may be installed over counter battens and then covered with roofing insulation.



Ceiling boards fixed to the underside of Rafters or Ceiling joists

Face-nailed boards should be fixed with two bullet head nails through each board at each support. For 9-14mm thick boards, 40 mm x 1.6 mm nails or 40mm x 16ga brads should be used and for 19-22mm thick boards, 50 mm x 1.8 mm nails. The heads may be left flush with the surface, or punched and filled with a colour-matched wood filler.



Timber in Wet Areas

Timberzoo does not recommend the use of our boards in bathrooms and small wet-areas because of moisture-laden air and backsplash on timber linings in a small room – even with good ventilation.