



know & love
timber

CONTOURS

TIMBER LINING
BOARDS

**QUICK INSTALLATION
GUIDE**

f @portatimber @porta_timber



PORTA CONTOURS

QUICK INSTALLATION GUIDE

CRITICAL INFORMATION

- Timber is a natural material that will adjust to the installed environment's moisture conditions.
- In persistent moist conditions, for example, tropical/sub-tropical zones or indoor spaces with high amounts of moisture, timber will absorb moisture from the air, which will swell the timber. Conversely, the timber will shrink during drier times with low humidity, for example, in air-conditioned apartments or offices.
- Porta Contours lining boards feature a tongue and groove system for easy installation. It is critical that adhesive is not placed between the tongue and groove as this area is critical to allow for any timber movement once installed. Failure to adhere to this advice will result in the cracking of the timber post installation.
- Colour variations and features are typically found within the same timber species and are what makes timber so appealing. The same species can be grown in a variety of locations, which will impact the colour of the timber. As a result, colour consistency is not a realistic expectation. It is important these natural characteristics are considered when creating design applications.

DESIGN CONSIDERATIONS

- Contours are made from durable timber and available in various profiles and timber species.
- The range is suitable for a variety of internal applications, including flat and curved surfaces, as well as both vertical and horizontal orientations.
- Contours are suitable for curves down to a 1000mm radius. Curved wall beads are available for select profiles for tighter curves down to a 300mm radius.
- Contours are sustainably and responsibly sourced, holding FSC® and PEFC certifications.

ACCLIMATISATION

- Install lining boards at or just below the room's prevailing humidity (EMC).
- Keep the boards in the installation space for moisture stabilisation. This takes 48 hours to two weeks, depending on conditions.
- Shield the boards from direct sunlight and drafts during acclimatisation.
- In high-risk environments, measure EMC with a hygrometer. Results below 9% or above 13% are deemed extreme.
- After the initial acclimatisation period, use a moisture meter to confirm if the timber has acclimatised to the installation environment.

WET AREAS

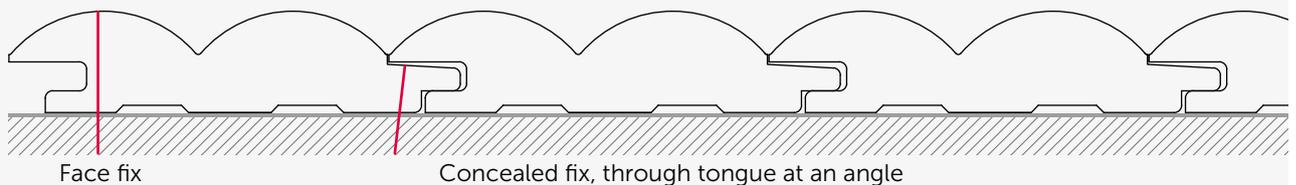
- Porta Contours in any timber species are designed for internal use only. We do not recommend installation in zones where water splash or high moisture levels are present, for example shower recesses or applications where a vessel (bath, basin or tapware) is within 75mm of a wall.
- Installation in wet areas must comply with specified requirements according to AS 3740:2021, and NCC Vol 1F2P2 or Vol 2 S26C5. It is important that all edges are sealed with an appropriate sealer and cut outs to install services or other hardware must be sealed to prevent ingress of moisture. Prior to installation in areas of high moisture levels, Porta Contours must be coated with an appropriate water-repellent finish.

COATINGS

- Porta Contours are available in a range of timber species suitable for staining or painting.
- Before installation, it's essential to pre-finish or coat the lining boards to prevent paint or stain buildup and adhesion at joints and overlaps. When painting, whether using standard paint or a 2-pack finish, paint the lining boards separately prior to installation. Avoid letting wet paint seep into the tongue and groove area, as dried paint can fuse the boards together, hindering natural timber movement and increasing the risk of cracking.

INSTALLATION STEPS

1. Ensure the fixing surface is even, secure and clean.
2. Progressively check the lining boards are plumb (vertical) or level (as appropriate).
3. Loose fit the lining boards with a sufficient gap between to allow for expansion. Fit each lining board snugly, yet not tight, as an allowance must be made for expansion when installing in higher ambient moisture conditions.
4. Brad nails (40mm x 16g) should be used in all cases with 450mm spacing along the length of the lining board.
5. For the initial lining board face fix with construction adhesive, secret fixing can be used through the tongue of subsequent lining boards. Do not place adhesive between the tongue and groove area of the lining boards as this area is critical to allowing for any movement of timber once installed.
6. Secure the final lining board by screwing through the face.

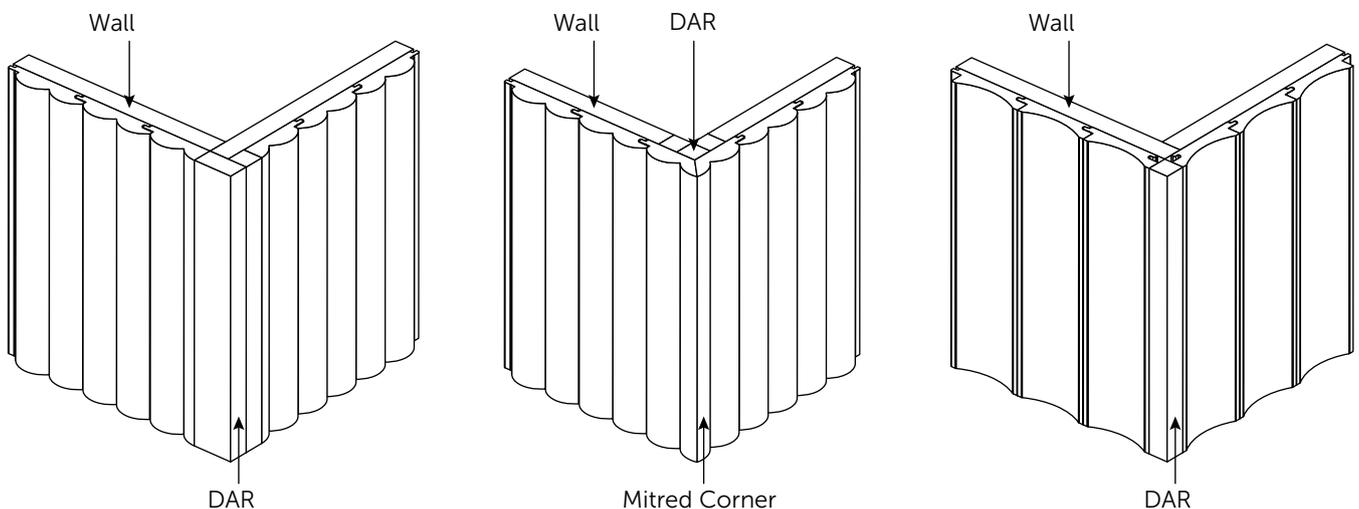


Please refer to the Contours Design, Installation and Maintenance Guide for more detailed installation information.

CORNER DETAIL

External and internal corners can be finished using Porta DAR 42x21mm and DAR 21x21mm as corner blocks or trimmed to a mitred finish.

Please refer to the Contours Design, Installation and Maintenance Guide for more detailed installation information.

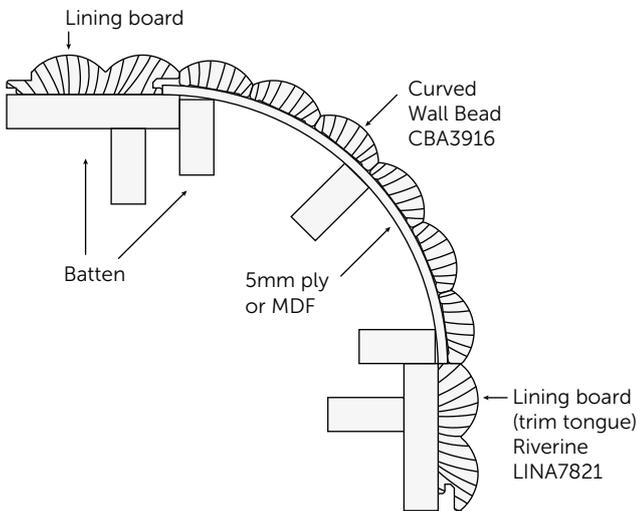


CURVED APPLICATIONS

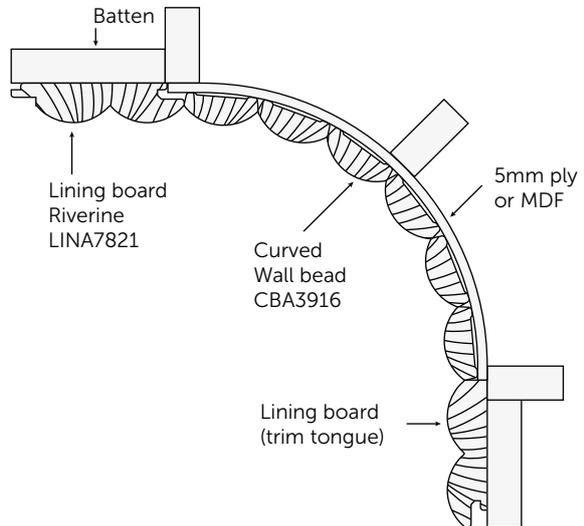
Contours are suitable for curves down to a 1000mm radius. Curved wall beads are available for select profiles for tighter curves down to a 300mm radius.

Curved wall beads are currently available to match lining board profiles; Riverine, Wave, Ripple, Cirque, and Strata.

EXTERNAL CURVE



INTERNAL CURVE



INSTALLATION STEPS

- Fix lining boards onto the straight walls and trim the edge as required to provide a matching surface.
- Apply curved wall beads to 5mm ply or MDF fixed around a curved wall of battens.
- Curved wall beads can be attached to the curved wall with construction adhesive. Glue and hold in position until the adhesive cures and/or nail in position with a brad (38 x 16 gauge / 1.6mm) at each end.

Please refer to the Contours Design, Installation and Maintenance Guide for more detailed installation information.



FOR MORE INFORMATION PLEASE DOWNLOAD OUR COMPLETE INSTALLATION GUIDE

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The information, opinions, advice, and recommendations in this guide have been carefully prepared. They are offered only to provide helpful information to assist in technical matters associated with the specification and use of timber and timber products. While every effort has been made to ensure that this guide is in accordance with current technology and standards, it is not intended as an exhaustive statement of all relevant data, and successful design and construction depend upon numerous aspects outside the guide's scope. Porta Mouldings Pty. Ltd. accepts no responsibility for errors or omissions from this guide, specification, or work done or omitted to be done in reliance on this guide.

PORTA CONTOURS



RIVERINE LINA7821



CIRQUE LINB7821



CREST LINC7821



STRATA LIND7821



GROOVE LINF7821



RIPPLE LING7821



PINNACLE LINH7821



RIDGES LINJ7821



VALLEY LINK7821



WAVE LINL7821



SHADE LINM7821

CURVED WALL BEADS



RIVERINE CBA3916



CIRQUE CBB3916



STRATA CBD3916



RIPPLE CBG3916



WAVE CBL3916

READY TO PAINT PRE-PRIMED PINE



RIVERINE LINA7821



CIRQUE LINB7821



STRATA LIND7821



VALLEY LINK7821

CURVED WALL BEADS



RIVERINE CBA3916



CIRQUE CBB3916



STRATA CBD3916

LINING BOARDS							CURVED WALL BEADS			
Width 91mm Thickness 21mm Cover 78mm							Width 39mm Thickness 16mm			
Profile	Code	0.9m (L)	1.2m (L)	1.8m (L)	2.4m (L)	2.7m (L)	Code	1.2m (L)	2.7m (L)	
Riverine	LINA7821	●	● ●	● ●	● ●	● ● ● ●	CBA3916	●	● ● ● ●	
Cirque	LINB7821	●	●	●	●	● ● ● ●	CBB3916	●	● ● ● ●	
Crest	LINC7821		⦿	⦿	⦿	● ⦿				
Strata	LIND7821	●	● ●	● ●	● ●	● ● ● ●	CBD3916	●	● ● ●	
Groove	LINF7821	●	⦿	⦿	⦿	● ●				
Ripple	LING7821		⦿	⦿	⦿	● ●	CBG3916	●	● ●	
Pinnacle	LINH7821		⦿	⦿	⦿	● ● ● ●				
Ridges	LINJ7821		⦿	⦿	⦿	● ●				
Valley	LINK7821	●	●	●	⦿	● ● ● ●				
Wave	LINL7821	⦿	●	●	⦿	● ● ● ●	CBL3916	●	● ● ● ●	
Shade	LINM7821	●	⦿	⦿	⦿	● ● ● ●				

● Engineered American Oak | ● Tasmanian Oak | ⦿ Made to Order | ● Clear Pine | ● Made to Order | ● Primed FJ Pine
 Custom lengths, including 3.0m and 3.6m, are available upon request in Tasmanian Oak and Clear Pine.