TRENDplank™

T&G CLADDING & LINING SYSTEM

ARCHITECTURAL HARDWOOD DECKING, CLADDING & CEILING SYSTEMS

MORTLOCK TIMBER

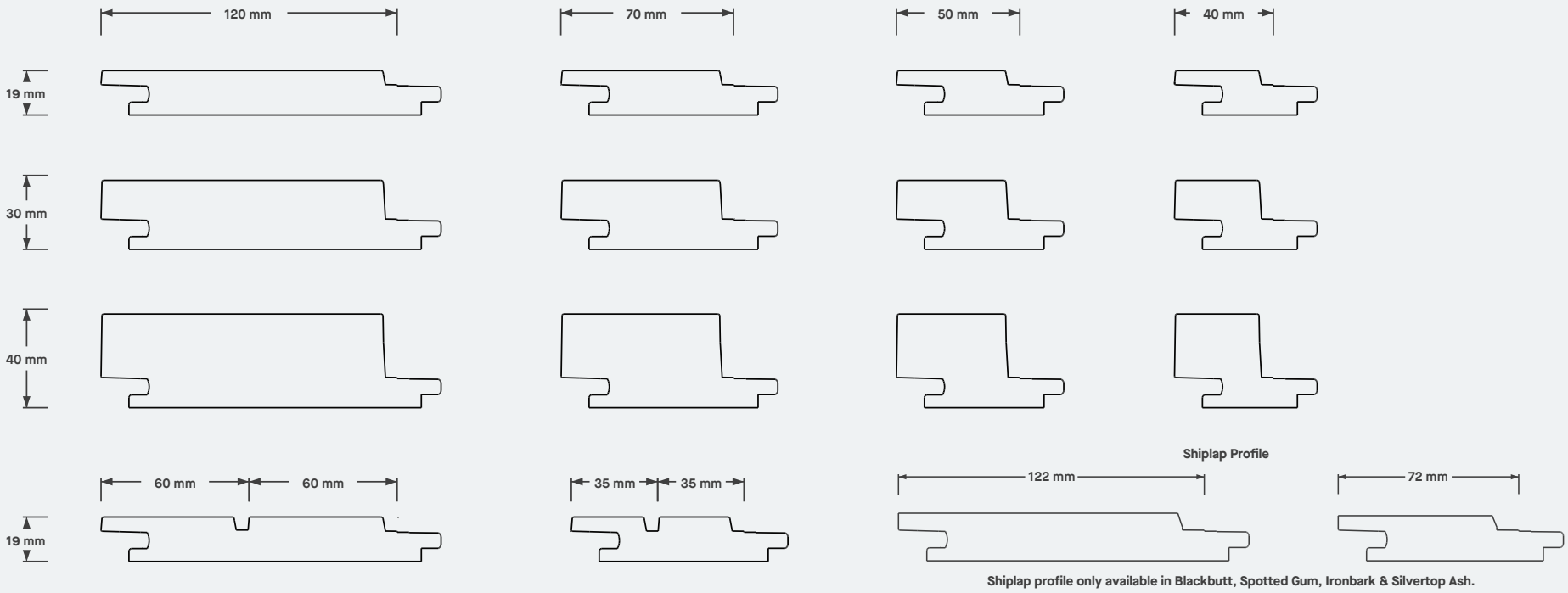
1800 894 400
info@mortlock.au
www.mortlock.au

THE SYSTEM

Trendplank™ Timber Cladding is a concealed fixed cladding system designed to allow for natural timber movement and comes with a range of proprietary corner trims and end stops for the perfect finish. Originally designed for exterior cladding, Trendplank has been used to line walls and ceilings both internally and externally by Australia's leading Architects and Builders.

TRENDPLANK
PROFILE & SIZES

TRENDPLANK PROFILE & SIZES



Shiplap profile only available in Blackbutt, Spotted Gum, Ironbark & Silvertop Ash.

Note: Sizes listed above are the cover width, add 19mm for total width.

Sizes can be mixed to create a sequence of different sizes. For projects 100m2 and above other profiles and sizes are available. Contact Mortlock Timber to discuss your requirements.

TIMBER AND FINISHES

AMERICAN WHITE OAK

Sizes Available: 70x19, 120x19

UNFINISHED	
Use	Interior

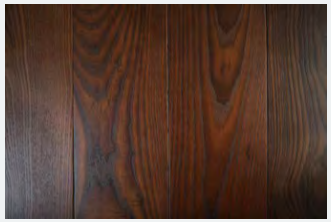
ENVIRO CLEAR	
Use	Interior

FIRESHIELD	
Use	Interior

BURNT ASH

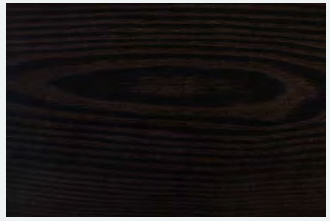
Sizes Available: 135x19

UNFINISHED	
Use	Interior & Exterior



ENVIRO CLEAR	
Use	Interior

CLEAR OILED	
Use	Interior & Exterior



BLACK ASH OIL	
Use	Interior & Exterior

BURNT ASH SHOU SUGI BAN	
Use	Interior & Exterior

BLACK ASH OIL, FINE SAWN	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior & Exterior

FIRESHIELD	
Use	Interior

CLEAR OILED, FINE SAWN	
Use	Interior & Exterior

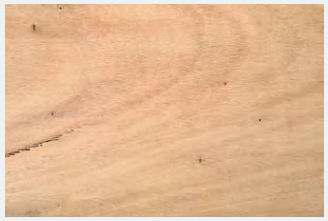
SIOOX WEATHER PROTECTION	
Use	Exterior

SIOOX WEATHER PROTECTION, FINE SAWN	
Use	Exterior

TIMBER AND FINISHES

BLACKBUTT

Sizes Available: 70x19, 122x19 Shiplap



UNFINISHED	
Use	Interior & Exterior

ENVIRO CLEAR	
Use	Interior

CLEAR OIL	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior & Exterior

FIRESHIELD	
Use	Interior

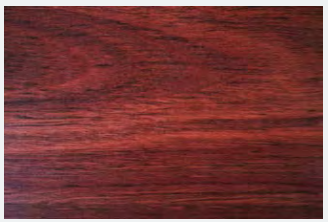
CLEAR OILED, FINE SAWN	
Use	Interior & Exterior

JARRAH

Sizes Available: 40x19, 50x19,70x19, 120x19, 40x30, 50x30, 70x30, 120x30, 40x40, 50x40, 70x40, 120x40

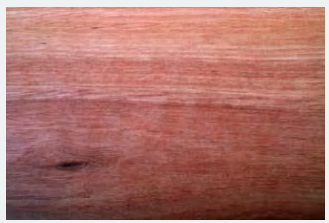
UNFINISHED	
Use	Interior

ENVIRO CLEAR	
Use	Interior



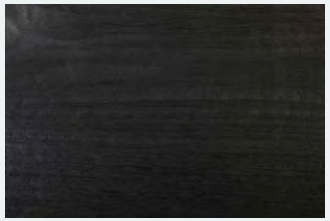
CLEAR OILED	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior



FIRESHIELD	
Use	Interior

CLEAR OILED, FINE SAWN	
Use	Interior & Exterior



SHOU SUGI BAN	
Use	Interior & Exterior

SHOU SUGI BAN, FINE SAWN	
Use	Interior & Exterior

TIMBER AND FINISHES

IRONBARK

Sizes Available: 70x19, 122x19 Shiplap

UNFINISHED	
Use	Interior

CLEAR OILED	
Use	Interior & Exterior

CLEAR OILED, FINE SAWN	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior

CLEAR OILED	
Use	Interior & Exterior

SPOTTED GUM

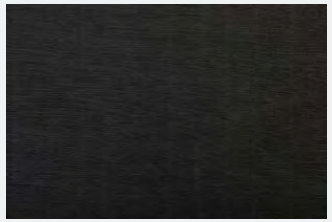
Sizes Available: 40x19, 50x19,70x19, 40x30, 50x30, 70x30, 40x40, 50x40, 70x40, 122x19 Shiplap

UNFINISHED	
Use	Interior

ENVIRO CLEAR	
Use	Interior

CLEAR OILED	
Use	Interior & Exterior

SHOU SUGI BAN	
Use	Interior & Exterior



SHOU SUGI BAN, FINE SAWN	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior

FIRESHIELD	
Use	Interior

CLEAR OILED, FINE SAWN	
Use	Interior & Exterior

TIMBER AND FINISHES

PACIFIC TEAK

Sizes Available: 40x19, 50x19,70x19, 120x19, 40x30, 50x30, 70x30, 120x30, 40x40, 50x40, 70x40

UNFINISHED	
Use	Interior

ENVIRO CLEAR	
Use	Interior

CLEAR OILED	
Use	Interior & Exterior

UNFINISHED, FINE SAWN	
Use	Interior

FIRESHIELD	
Use	Interior

CLEAR OILED, FINE SAWN	
Use	Interior & Exterior

VACOA

CLEAR OILED	
Use	Interior & Exterior

WOCA STONE GREY	
Use	Interior & Exterior

WOCA WALNUT	
Use	Interior & Exterior

WOCA BLACK	
Use	Interior & Exterior

WOCA HAZELNUT	
Use	Interior & Exterior

SIOOX WEATHER PROTECTION	
Use	Exterior

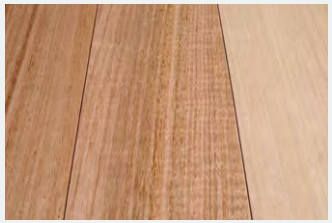
VIC ASH

Sizes Available: 40x19, 50x19,70x19, 120x19, 40x30, 50x30, 70x30, 40x40, 50x40, 70x40

UNFINISHED	
Use	Interior

FIRESHIELD	
Use	Interior

WOCA BLACK	
Use	Interior



ENVIRO CLEAR	
Use	Interior

WOCA NATURAL OILED	
Use	Interior

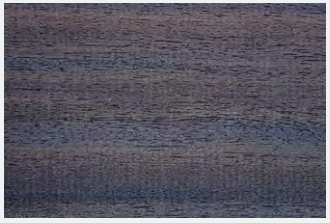
WOCA WHITE	
Use	Interior

TIMBER AND FINISHES

MALVEC

CLEAR OILED	
Use	Interior & Exterior

HAZELNUT	
Use	Interior & Exterior



WALNUT	
Use	Interior & Exterior

BLACK	
Use	Interior & Exterior

SILVERTOP ASH

CLEAR OILED	
Use	Interior & Exterior

FINISHING

Trendplank Timber Cladding can be supplied raw or fully pre-finished. Finishes are factory applied prior to delivery to save time on installation.

CUTEK EXTREME CD50

EXTERNAL & INTERNAL USE

This is the standard coating supplied unless others are requested. Cutek Extreme CD50 is a penetrating oil which is designed for external use and can also be used for internal applications. To maintain the natural timber colour an additional two coats are to be applied on site as per manufacturer's application and maintenance instructions.

WOCA EXTERIOR OIL

Exterior Wood Oil is to be used outdoors for basic treatment and maintenance of new and previously oiled wood surfaces such as decks, garden furniture, cladding etc. The special water-based composition of oil components ensures that the product is water-dilutable and friendly to the environment. The oil enhances the natural colour and grain of wood. Exterior Wood Oil Natural is recommended to enhance the natural colour structure of the wood.

FIRE SHIELD

INTERNAL USE ONLY

TIMBERCLEAR 1FR clear timber intumescent coating is a factory applied coating that achieves a Group 1 and 2 fire rating to internal timber surfaces to meet the requirements of the NCC with the Codemark Certificate of Conformity. TIMBERCLEAR 1FR can only be used on internal surfaces. Timber without TIMBERCLEAR 1FR coating will only meet Group 3 fire rating. All other components of the Proplank System will be supplied to meet Group 1 or 2 fire rating as required. TIMBERCLEAR 1FR is only available for projects 50m2 and above.

SHOU SUGI BAN

Shou-Sugi-Ban, also known as Yaki-sugi Cladding, is a Traditional Japanese method of charring timber with fire. The process forms a carbon layer on the exterior of the boards which protects the timber and reduces the maintenance. We manufacture our Shou Sugi Ban finish in-house allowing us to control the quality of the finish. Manufacturing Shou Sugi Ban Cladding is a delicate process and has taken 18 months to refine and develop, because of the time and resources we have put into this, we are now confident that we can provide a consistent finish every time. For Further information ask for our Shou Sugi Ban product guide.

Note: Other timber finishes, including oil tinting and poly-based products, are available for projects 100m2 and above. Please contact us to discuss your requirements. Mortlock Timber provides warranties for the timber however cannot take responsibility for coating failure; this remains the responsibility of the timber coating manufacturer. It is Mortlock Timber's responsibly to ensure items pre coated as per manufacturers recommendations and to provide the relevant coating application information to the builder and end user.

FIRE COMPLIANCE

If specific fire requirements and certification is required for your project, this must be requested and approved during the design phase to avoid delays during construction. If this is not requested prior to ordering material, Mortlock Timber may not be able to provide the required certification.

FIRE INFORMATION

TIMBER SPECIES	BAL RATING	GROUP NUMBER*
American White Oak	Non-BAL Compliant	Group 3
Blackbutt	BAL 12.5, 19 & 29	Group 3
Burnt Ash	Non-BAL Compliant	Group 3
Ironbark	BAL 12.5, 19 & 29	Group 3
Jarrah	BAL 12.5 & 19	Group 3
Malvec	Non-BAL Compliant	Group 3
Pacific Teak	BAL 12.5 & 19	Group 3
Spotted Gum	BAL 12.5, 19 & 29	Group 3
Vacoa	Non-BAL Compliant	Group 3

* Untreated Timber achieves a Group 3 rating according to AS 3837:1998. If Group 1 timber is required specify the Fire Shield TIMBERCLEAR 1FR coating, see next page.

BAL RATING FIRE INFORMATION

BAL Ratings are based on wood density for most untreated timber species, except thermally modified timber. Most timber species BAL ratings can be found on Wood Solutions website at the below link:

WOOD SOLUTIONS

https://www.woodsolutions.com.au/wood-species-list/Hardwood

CURVED WALLS

Convex curved walls can be created with Trendplank Timber cladding system to a certain radius. Care must be taken when curving timber cladding as this opens the tongue and groove reducing the water tightness of the cladding. Running a sealant (Sikaflex 11FC or similar) in the groove when installing is recommended.

BOARD SIZE	MINIMUM RADIUS
120×19	1400mm
70×19	700mm

Tighter radius can be achieved with custom profiles, contact Mortlock Timber to discuss your requirements.

EXAMPLE SPECIFICATION

EXAMPLE SPECIFICATION	
Project	Trendplank Timber Cladding System
Timber Species	Spotted Gum
Finish	Cutek CD50 Clear Oil
Board Size	120×19, 120×19 & 70×19 repeating
Fire Requirements	BAL 29
Corner Trims	External Corners to have X Profile with 22×22 Spotted Gum Infill, Internal Corners to have 22×22 Internal Spotted Gum Corner Profile.
Contact	Mortlock Timber Group 1800 894 400 info@mortlock.com.au www.mortlock.com.au

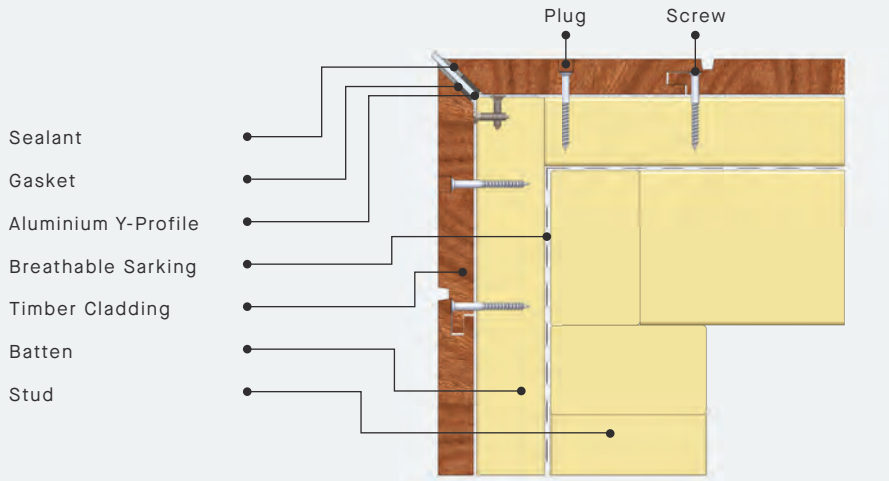
PRICING & TENDER SUBMISSION

To make large scale projects and tenders easier, we are able measure from PDF drawings which are returned with a detailed BOQ and an itemised proposal for cross referencing.

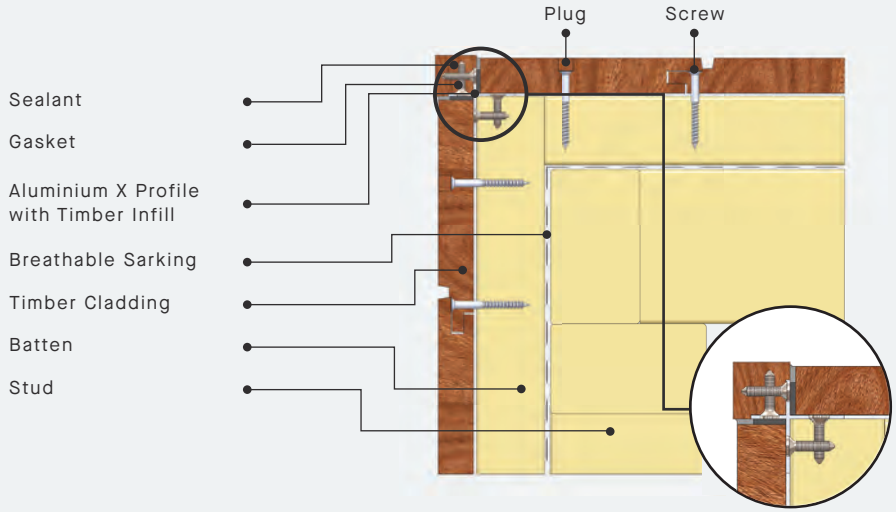
We require a full set of plans to the architect's specification. Where corner trims are not specified, we allow for the standard aluminium X Profile with the 22×22 timber infill in the same timber species as the cladding. Email plans or Tender invite to info@mortlock.com.au

TRENDPLANK CONSTRUCTION DETAILS

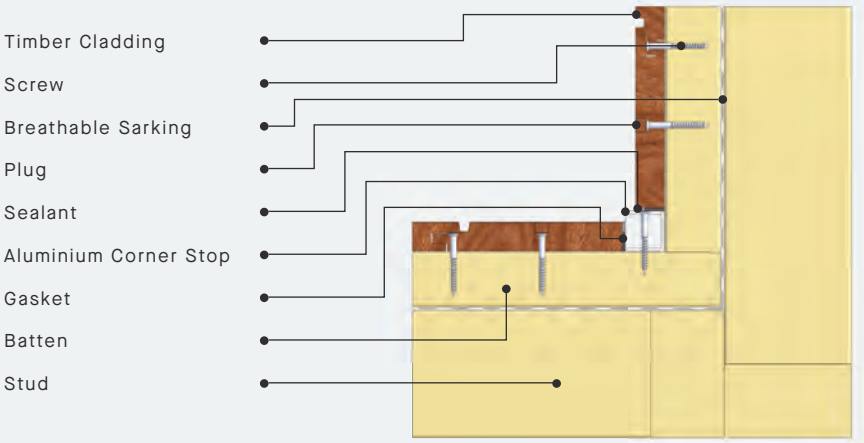
ALUMINIUM Y PROFILE



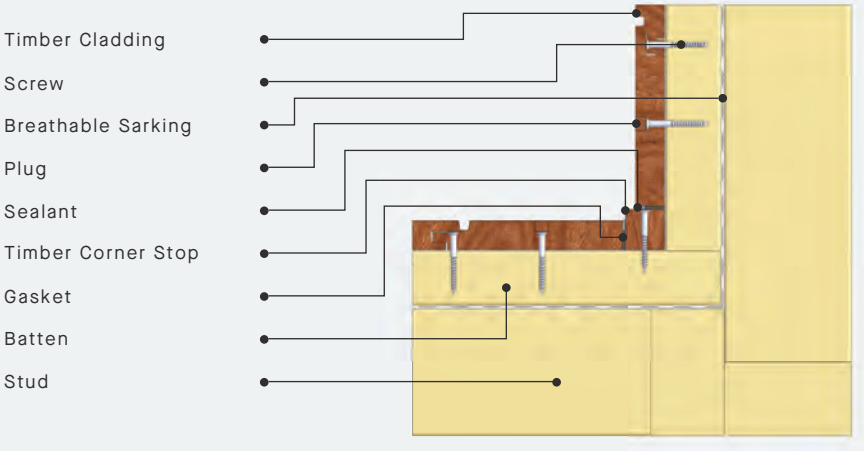
X PROFILE WITH 22X22 TIMBER INFILL



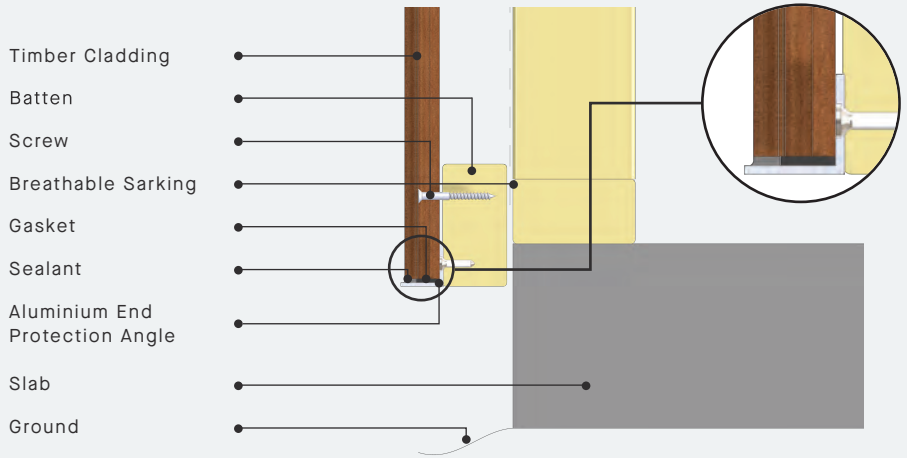
25X25 ALUMINIUM INTERNAL CORNER



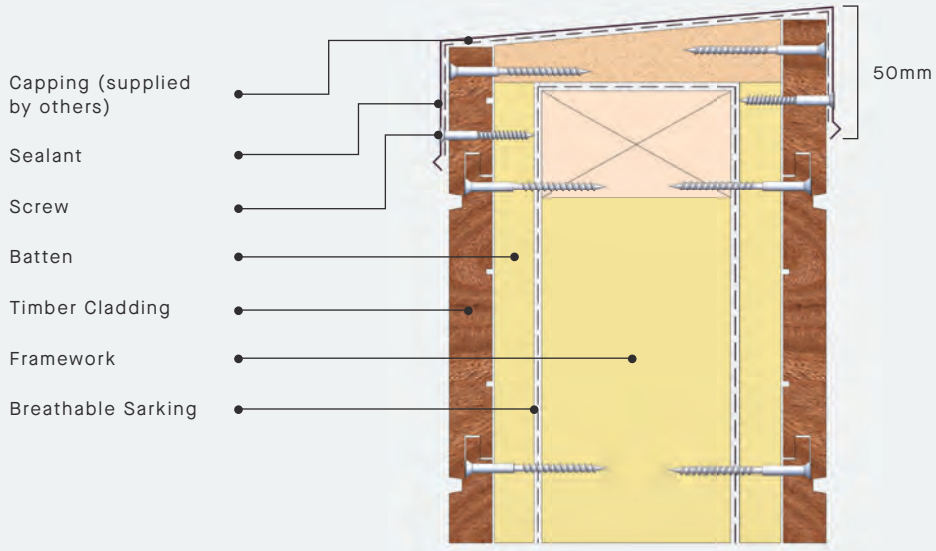
22X22 INTERNAL TIMBER CORNER



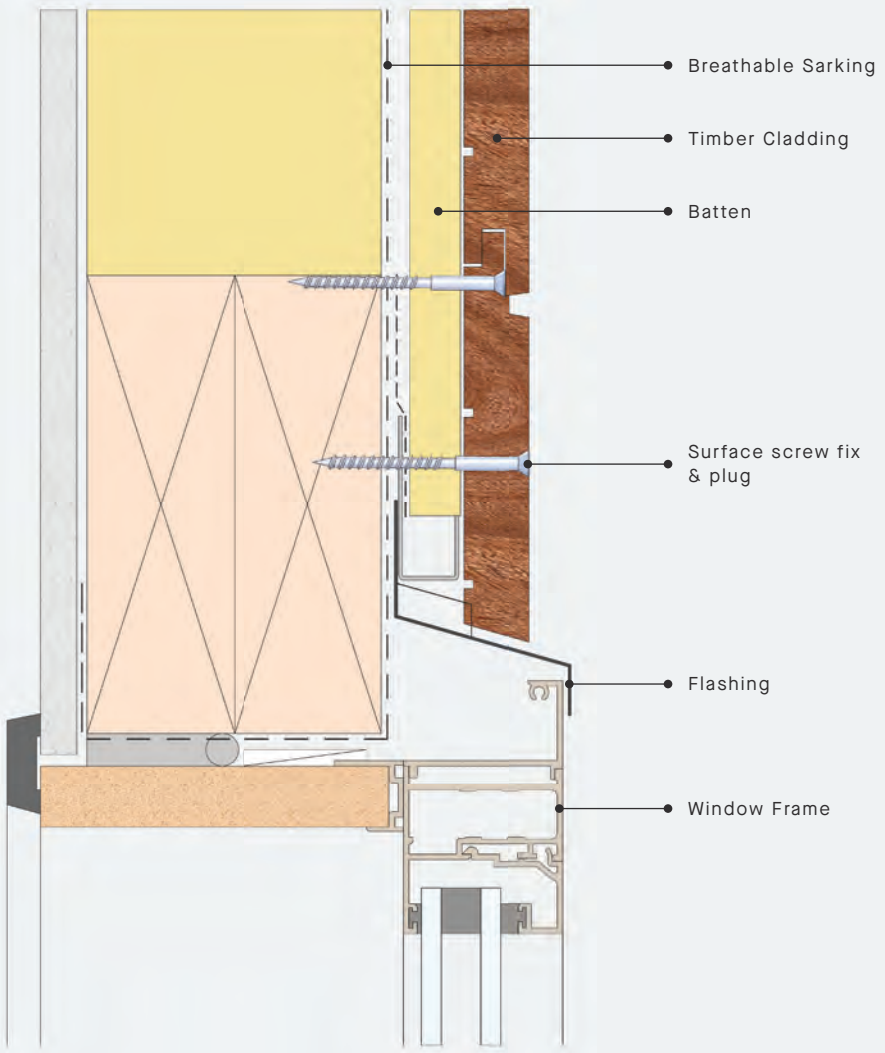
END STOP DETAIL



PARAPET WALL TOP CAPPING

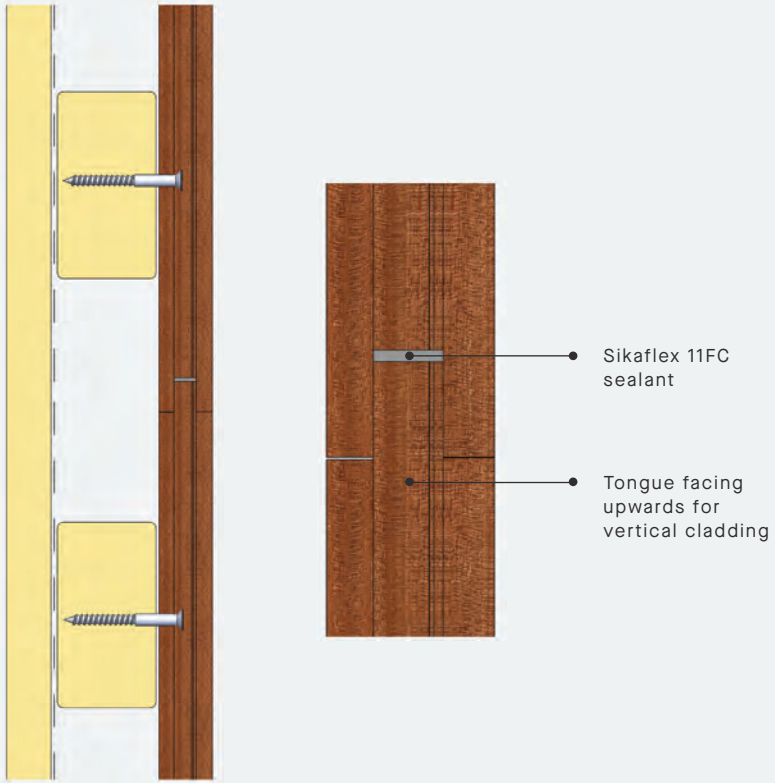


WINDOW HEAD DETAIL



END MATCHING

End matching is a tongue and groove profile applied to the ends of the boards so they can be joined offstud. End matching assists with water proofing, eliminates the need to measure and trim the ends of the boards saving time installing and reduces the waste of timber from 10% to approx. 5%.
The installation method for end matching is the same whether the cladding is vertical or horizontal. Sikaflex 11FC or similar needs to be applied to the gap, then boards are pushed together. Excess sealant to be cut off once dry. Where cladding is installed vertically the tongue should be installed facing upwards.



INSTALLATION

Important notes :

TEMPORARY FLASHING

Wall cavities are not designed to drain large amounts of water. If cladding is being installed before permanent flashing or weather protection, temporary flashing needs to be installed to prevent any water getting into the cavity behind the cladding. If water does enter the wall cavity this will cause the cladding to expand and cup.

UNEVEN WEATHERING

Uneven weathering will be caused where cladding is left stacked in the sun prior installing or scaffolding is up for long periods of time. The shadows from scaffolding will leave a shadow effect on the wall. The only way to resolve this is to leave the cladding exposed for a few months and the uneven weathering will eventually fade. Cladding installed in shady areas will not weather as much as timber in fully exposed areas.

MINIMUM GROUND HEIGHT

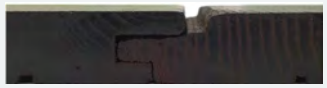
We recommend timber cladding be a minimum of 75mm above the ground to avoid moisture and dirt impacting on the finish. End grain must be sealed with an aluminium profile or similar, Trendplank weather seal and caulking as per detail.

BREATHABLE AIR CAVITIES

To ensure long-term durability, air cavities must be allowed so that timber is able to breathe and be kept dry. Where timber is installed vertically and battens behind cladding are horizontal, weep holes are required.

EXPANSION ALLOWANCE

Timber is a porous material and some movement should be expected, so it's important to consider the movement effects early on. Trendplank is not designed to be pushed up tight together, we recommend spreading the boards 1-2mm apart rather than completely tight together depending on the climate of the area.

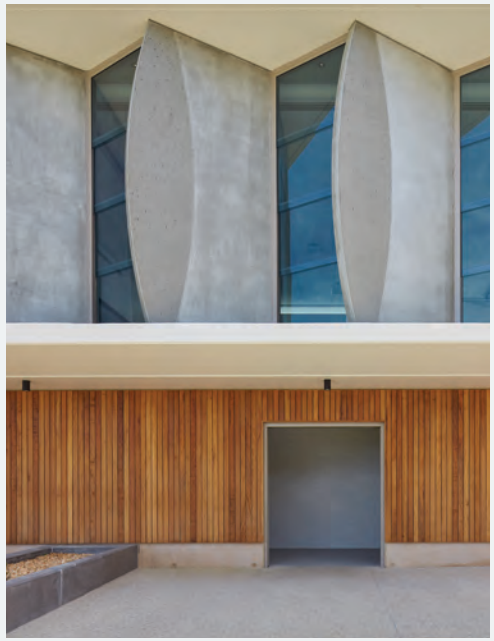


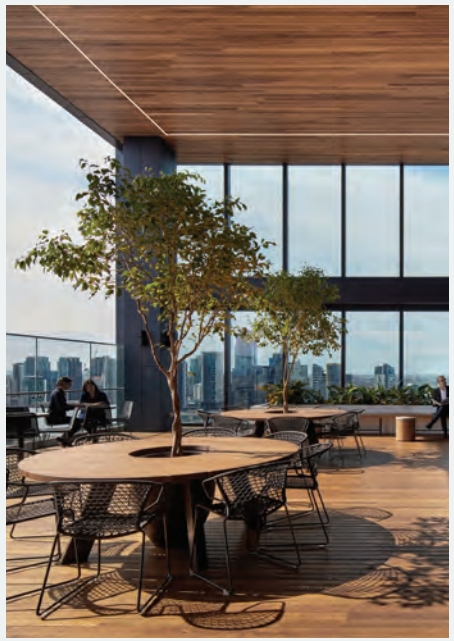
Cladding pushed up tight

Cladding with 2mm expansion allowance

WATERPROOFING

Timber cladding is not completely waterproof. It is the builder's responsibility to make sure the building is waterproof and cladding is installed according to the Building Code of Australia and the architectural design specifi cation.





INSTALLATION

Vertical Wall Cladding - Timber Frame Construction.

STEP 1

Install the breathable sarking over the studs with all overlaps facing downward and all joints fully taped.

STEP 2

Ensure all corner trims, end stops and any flashing required under the cladding is installed.

STEP 3

Fix horizontal battens (e.g. 70×35 pine or top hat section) at nominally 450mm centres.

STEP 4

Make sure that there is proper drainage provision for any moisture running down the sarking in what will be the breathable cavity. This may include, but is not limited to, notching out the bottom plate or batten, having the noggins set back from the front face of the studs and running the sarking underneath the window header flashings so that moisture can escape.

STEP 5

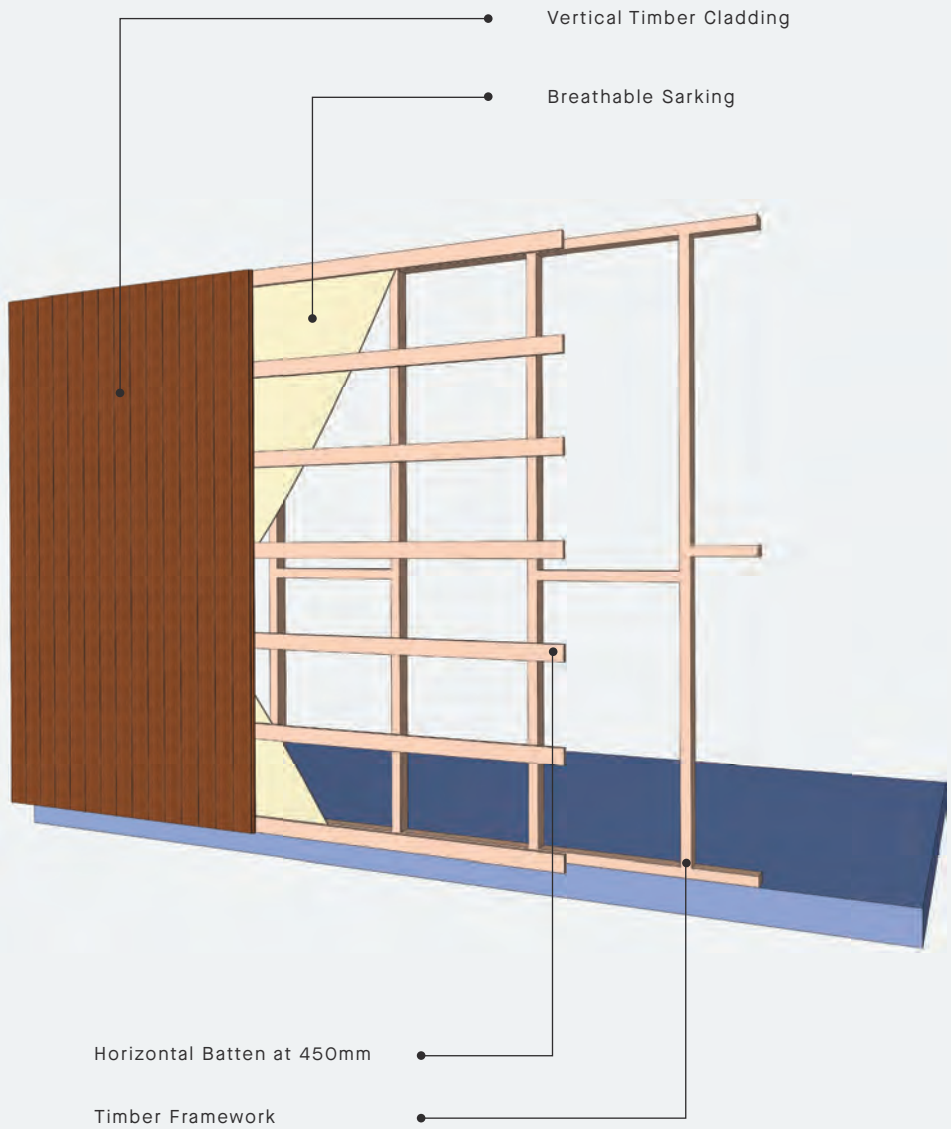
Install the bottom angle, corner stops and various flashings where necessary. See construction details.

STEP 6

Mark the board increments on the front face of the studs/ mounting battens. This is necessary to make sure that the expansion gap on the cladding is allowed for, to prevent cumulative error and the lines going out of alignment and to make sure that you start and finish the run with a suitable board width.

STEP 7

Install cladding by pre-drilling and fixing through the tongue, the screw may need to be inserted on a slight angle. The next board groove should cover the screw in the previous board.



INSTALLATION

Vertical Cladding - Masonry Wall Construction

STEP 1

Fix horizontal battens (e.g. 70×35 H3 treated pine or top hat section) at nominally 450mm centres to masonry wall.

STEP 2

Make sure that there is proper drainage provision for any moisture running down the wall in what will be the breathable cavity. This may include, but is not limited to, notching out the bottom plate or battens, having the noggins set back from the front face of the stud's escape.

STEP 3

Install the bottom angle, corner stops and various flashings where necessary. See construction details.

STEP 4

Mark the board increments on the front face of the studs/ mounting battens. This is necessary to make sure that the expansion gap on the cladding is allowed for, to prevent cumulative error and the lines going out of alignment and to make sure that you start and finish the run with a suitable board width.

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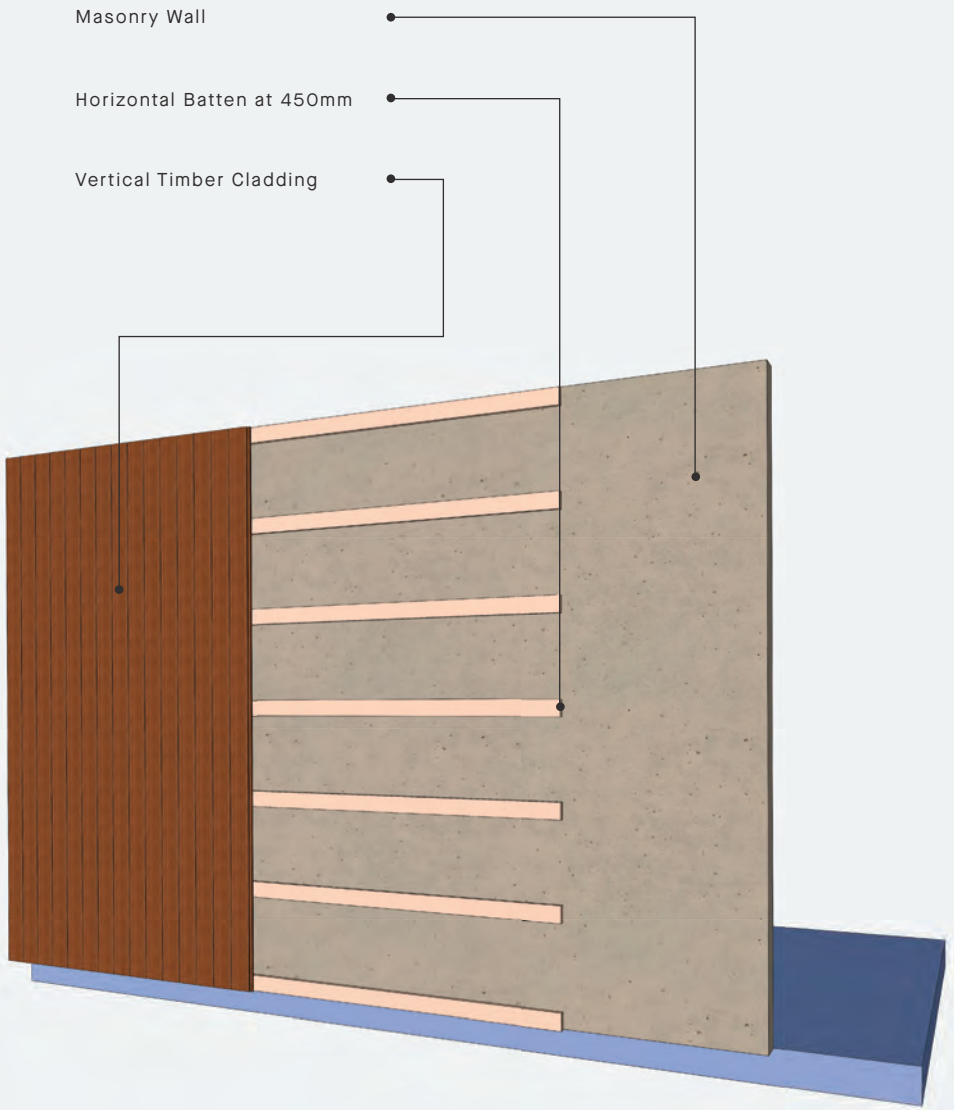

INSTALLATION

Horizontal Cladding - Timber Wall Construction

STEP 1

Install the breathable sarking over the studs with all overlaps facing downward and all joints fully taped.

STEP 2

Fix vertical battens (e.g. 70×35 pine or top hat section) at nominally 450mm centres.

STEP 3

Make sure that there is proper drainage provision for any moisture running down the sarking in what will be the breathable cavity. This may include, but is not limited to, notching out the bottom plate or batten, having the noggins set back from the front face of the studs and running the sarking underneath the window header flashings so that moisture can escape.

STEP 4

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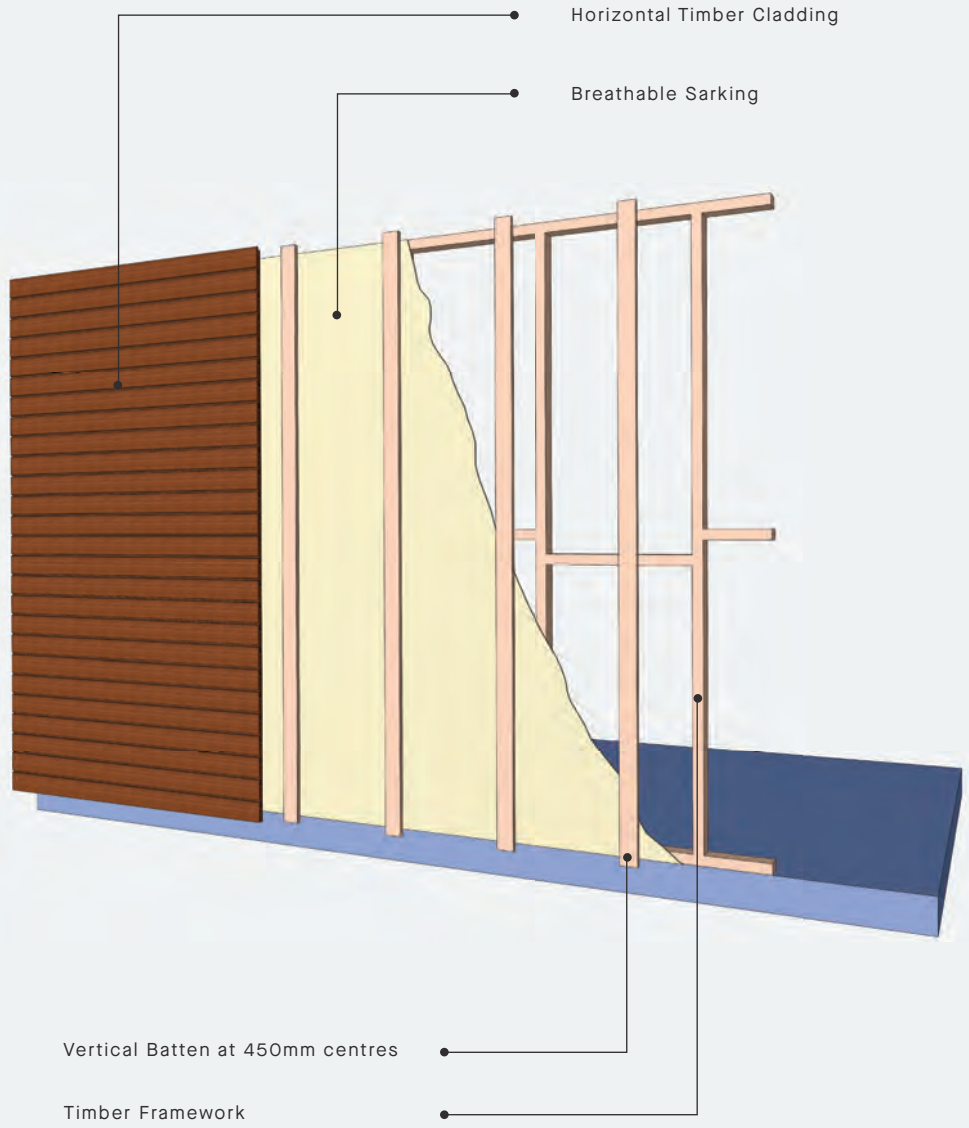

INSTALLATION

Horizontal Cladding - Masonry Wall Construction

STEP 1

Fix vertical battens (e.g. 70×35 H3 treated pine or top hat section) at nominally 450mm centres to masonry wall.

STEP 2

Make sure that there is proper drainage provision for any moisture running down the wall in what will be the breathable cavity. This may include, but is not limited to, notching out the bottom plate or battens, having the noggins set back from the front face of the stud's escape.

STEP 3

Install the bottom angle, corner stops and various flashings where necessary. See construction details.

STEP 4

Mark the board increments on the front face of the studs/ mounting battens. This is necessary to make sure that the expansion gap on the cladding is allowed for, to prevent cumulative error and the lines going out of alignment and to make sure that you start and finish the run with a suitable board width.

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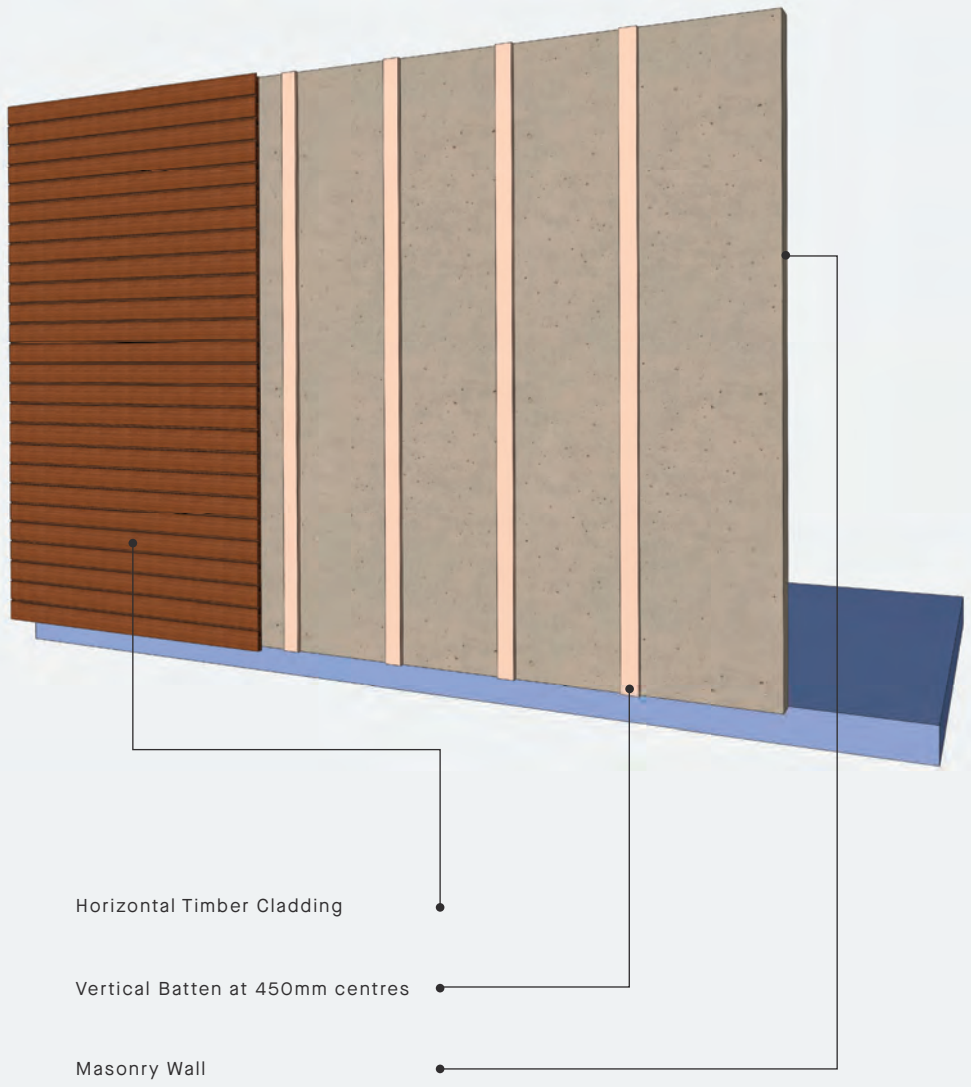

FURTHER INFORMATION

ONSITE STORAGE

Mortlock Timber kiln dry the timber to Australian Standards. It is recommended to install the timber as soon as possible after delivery so that it maintains its accuracy and straightness. If possible, the timber should be kept in its original pack until installation. If it is repacked, it should be done the same as the original pack to maintain straightness and quality. Ensure that it is at least 50mm above ground and stored on a flat surface to prevent bowing. It should be stored in a cool dry place out of the weather until ready to install.

WARRANTY

Mortlock Timber provides project specific warranties which must be requested prior to ordering material.

MAINTENANCE

Poly and Fire Shield Coating Interior timber does not normally need maintenance. It is important to regularly check timber which is exposed to UV light through windows etc. as sometimes this can lead to yellowing of the coating. Re-coating and/ or regular cleaning may be required.
Cutek CD50 Oil. When timber is not exposed to direct sunlight (for example interior use or exterior soffits), Clear oil maintains the timbers natural colour. When timber is exposed to sunlight, using Clear Oil will allow the timber to silver unless an additional pigment is used to tint the clear oil. Mortlock Timber recommends recoating these applications every 12-18 months. Further maintenance information on Cutek Oil can be found at www.cutek.com.au

CLEANING

If cleaning is required this can be done with a soft bristled broom running in the direction of the timber. Any stains can be treating with warm soapy water or timber cleaners compatible with the coating.

PROJECT DETAILS	
Project	Lincoln Residence
Location	Perth, WA
Batten Size	70×19
Timber Species	Jarrah

PROJECT DETAILS	
Project	Tinglewood Masters Residence
Location	Margaret River
Board Size	120×19
Timber Species	Spotted Gum

PROJECT DETAILS	
Project	Eagle Bay Residence
Location	Eagle Bay, WA
Board Size	120×19
Timber Species	Pacific Teak

PROJECT DETAILS	
Project	Riverstone
Location	Launceston TAS
Board Size	122×19 Shiplap
Timber Species	Spotted Gum

PROJECT DETAILS	
Project	Leggatt Crt
Location	Mount Martha VIC
Board Size	122×19 Shiplap
Timber Species	Spotted Gum

PROJECT DETAILS	
Project	The Long House
Location	Woodbridge, TAS
Board Size	70×19 Shiplap
Timber Species	Silvertop Ash

DESIGN & INSTALLATION CONSULTING

Our team can work through detailing and specifi cationrequirements to meet specifi c project requirements. We can assist with budget management without compromising aesthetics and ensure our products perform with an extended life cycle.

SAMPLES

Mortlock Timber Group samples department is stocked with our full range. We use express delivery service and generally deliver samples to your door within 2-3 days. Custom samples and sample boards can take 3-6 weeks depending on requirements.

MORTLOCK
TIMBER

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