



ARCHITECTURAL HARDWOOD DECKING, CLADDING & CEILING SYSTEMS

TRENDplank™

T&G CLADDING
& LINING SYSTEM



MORTLOCK
TIMBER

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



THE SYSTEM

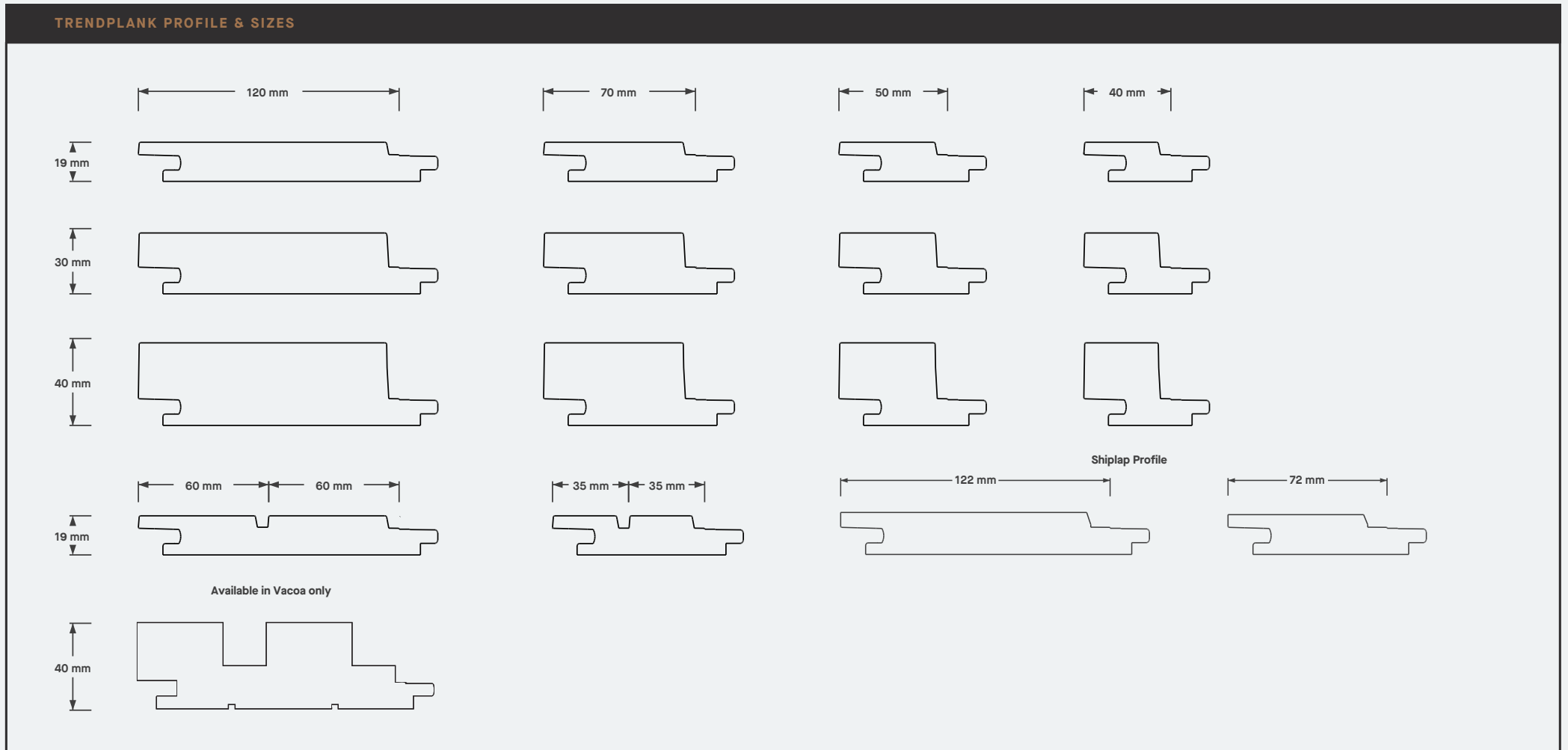
Trendplank™ Timber Cladding is a concealed fixed cladding system designed to accommodate natural timber movement. It comes with a range of proprietary corner trims and end stops for a perfect finish. Originally designed for exterior cladding, Trendplank has also been used to line walls and ceilings both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



TRENDPLANK PROFILE & SIZES

Note: Sizes listed below are the cover width, add 18mm 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 FINISHES OVERVIEW

Timber can be supplied uncoated or fully pre-finished. The finishes below are factory-applied before delivery to the site.



WOCA EXTERIOR OIL

WOCA Exterior Oil is a high-quality, plant-based, water-based oil that provides a durable and environmentally friendly finish for timber. It delivers long-lasting colour retention and superior protection, helping to preserve the natural beauty of the wood over time. WOCA Exterior Oil is available in a range of colours, including black and walnut, allowing for versatile design options.



SiOO:X

SiOO:X Clear-Coat is a two-part wood treatment that forms a natural grey patina over time. It penetrates deeply, activates with moisture, and offers long-lasting durability and weather resistance. Ideal for exterior timber, it protects and enhances natural surfaces. At Mortlock Timber, we pre-coat your timber before delivery for optimal performance.



CUTEK EXTREME CD50

Cutek Extreme CD50 is an oil-based timber stabiliser with a self-healing effect. The clear oil penetrates deeply, nourishing the timber from within, enhancing its natural beauty, and providing long-lasting protection. This is our standard coating unless another finish is specified, and it is suitable for both exterior and interior applications.



FIRESHIELD®

Fireshield® TimberClear is a factory-applied intumescent coating for internal timber, achieving Group 1 or 2 fire ratings under NCC standards with CodeMark backing. It's suitable for interior use only and uses thin-film technology for a high-quality finish and fire protection. Untreated timber rates as Group 3. Other Proplank components meet Group 1 or 2. Minimum project size: 50m².



ENVIRO CLEAR

Enviro Clear is a high-quality, film-forming coating designed specifically for interior timber applications. It provides a smooth, easy-to-clean surface with minimal maintenance requirements. This premium furniture-grade finish is available in various gloss levels and stain options to achieve your desired look. A minimum order of 30m² applies.



FACTORY PRE-FINISHING

All of Mortlock Timber's coatings can be applied in our controlled factory environment before delivery. Factory pre-finishing ensures consistent coverage, optimal curing conditions, and a high-quality, longer-lasting finish compared to on-site application. This process reduces on-site labour, accelerates installation, and provides immediate protection for the timber once installed.



TIMBER AND FINISHES

AMERICAN WHITE OAK

Sizes Available: 70x19, 120x19



UNFINISHED	
Use	Interior



ENVIRO CLEAR	
Use	Interior



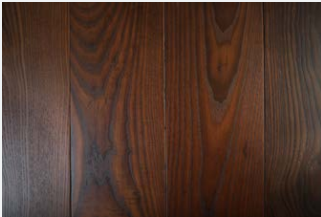
FIRESHIELD	
Use	Interior

BURNT ASH

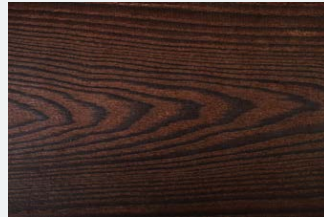
Sizes Available: 120x19, 70x19, 40x40, 40x30



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



SIOO:X BRUSHED	
Use	Exterior



TIMBER AND FINISHES

BLACKBUTT

Sizes Available: 70x19, 120x19



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




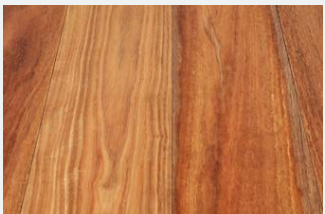

TIMBER AND FINISHES




IRONBARK Sizes Available: 70x19, 122x19 Shiplap



		
UNFINISHED	CLEAR OILED	CLEAR OILED, FINE SAWN
Use Interior	Use Interior & Exterior	Use Interior & Exterior


	
UNFINISHED, FINE SAWN	CLEAR OILED
Use Interior	Use Interior & Exterior

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

		
UNFINISHED	ENVIRO CLEAR	CLEAR OILED
Use Interior	Use Interior	Use Interior & Exterior

		
UNFINISHED, FINE SAWN	FIRESHIELD	CLEAR OILED, FINE SAWN
Use Interior	Use Interior	Use Interior & Exterior

	
SHOU SUGI BAN	SHOU SUGI BAN, FINE SAWN
Use Interior & Exterior	Use Interior & Exterior





SIOO:X BRUSHED
Use Exterior






TIMBER AND FINISHES

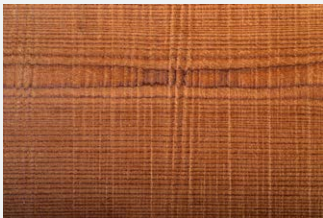


PACIFIC TEAK




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


		
UNFINISHED	ENVIRO CLEAR	CLEAR OILED
Use Interior	Use Interior	Use Interior & Exterior

		
UNFINISHED, FINE SAWN	FIRESHIELD	CLEAR OILED, FINE SAWN
Use Interior	Use Interior	Use Interior & Exterior

VACO

		
CLEAR OILED	WOCA STONE GREY	WOCA WALNUT
Use Interior & Exterior	Use Interior & Exterior	Use Interior & Exterior

		
WOCA BLACK	WOCA HAZELNUT	SIOO:X WEATHER PROTECTION
Use Interior & Exterior	Use Interior & Exterior	Use Exterior


SIOO:X BRUSHED
Use Exterior



TIMBER AND FINISHES

TASMANIAN OAK

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



UNFINISHED	
Use	Interior

FIRESHIELD	
Use	Interior

WOCA BLACK	
Use	Interior

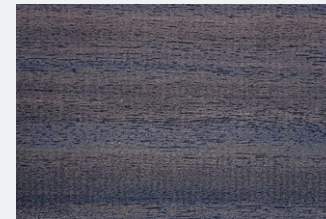
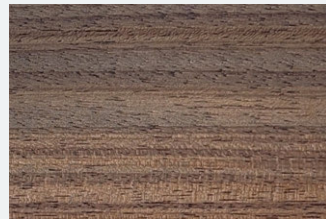
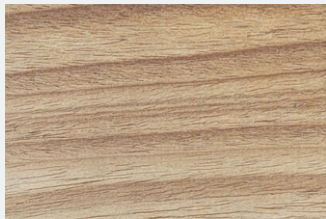


ENVIRO CLEAR	
Use	Interior

WOCA NATURAL OILED	
Use	Interior

WOCA WHITE	
Use	Interior

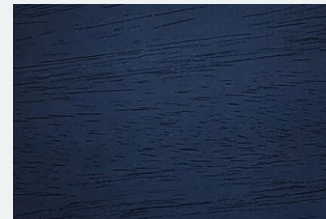
MALVEC



CLEAR OILED	
Use	Interior & Exterior

HAZELNUT	
Use	Interior & Exterior

WALNUT	
Use	Interior & Exterior



BLACK	
Use	Interior & Exterior

SIOO:X BRUSHED	
Use	Exterior



FIRE COMPLIANCE

If your project requires specific fire performance or certification, it must be requested and approved during the design phase to avoid delays during construction. Certification may not be available if it is not requested prior to ordering material.

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 fire rating according to AS 3837:1998. For Group 1 compliance, specify Fireshield® TIMBERCLEAR 1FR coating.

BAL ratings are primarily determined by wood density for most untreated timber species, except for thermally modified timbers. For detailed species BAL ratings, refer to Wood Solutions' timber species list.

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

CODEMARK CERTIFICATION & NCC COMPLIANCE

Trendplank Timber Cladding meets the National Construction Code (NCC) performance requirement FP1.4 – Weatherproofing, when installed in accordance with:

Relevant Australian Standards, including AS 1684.2, AS 1684.3, and AS 1684.4

Mortlock Timber's Installation Guidelines, as outlined in this brochure

While CodeMark certification is a recognised voluntary scheme used to demonstrate NCC compliance for products with unclear regulatory pathways, it is not required for Trendplank. This is because Trendplank is designed in line with well-established construction methods and tested Australian standards, providing a clear and proven compliance route without the need for additional certification.

However, should formal documentation or further compliance support be required for a specific project—such as for building surveyors or certifiers—please contact Mortlock Timber directly. Our team can provide detailed installation guides, performance data, or compliance statements to assist with project approvals.

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
120x19	1400mm
70x19	700mm

Convex curved walls can be created using the Trendplank timber cladding system to a certain minimum radius. Care must be taken when curving timber cladding, as this can open the tongue and groove joints, reducing the cladding's water resistance. Applying a sealant, such as Sikaflex® 11FC or a similar product, in the groove during installation is recommended to maintain weather tightness.

Tighter radii can be achieved with custom profiles. Contact Mortlock Timber to discuss your project 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 feature an X profile with a 22×22 Spotted Gum infill. Internal corners to use a 22×22 Spotted Gum internal corner profile.
Contact	Mortlock Timber Group 1800 894 400 info@mortlock.com.au www.mortlock.com.au

PRICING & TENDER SUBMISSION

To simplify large-scale projects and tender submissions, we can measure directly from PDF drawings and provide a detailed bill of quantities (BOQ) along with an itemised proposal for easy cross-referencing. Please supply a complete set of plans, including the architect's specifications and finishes schedule.

If corner trims are not specified, we will typically include our standard aluminium X profile with a 22x22 timber infill in the same species as the cladding. These will be listed in your proposal if they are included.

For assistance with pricing or tender submissions, please get in touch with our team.





INSTALLATION NOTES

To ensure long-term performance and maintain warranty coverage, Trendplank timber cladding must be installed in accordance with Mortlock Timber's installation guidelines, relevant Australian Standards, and the National Construction Code (NCC).

GENERAL GUIDANCE & LEGAL NOTICE

© The drawings in this guide are the property of Mortlock Timber Pty Ltd and must not be copied or modified without permission.

This information and the accompanying drawings are provided as guidelines only and are subject to change without notice. They illustrate best-practice methods for installing Trendplank timber cladding.

To maintain your product warranty, Trendplank cladding must be installed in accordance with NCC requirements and relevant Australian Standards.

All structural, fire, acoustic, plumbing, and electrical components must be designed and approved by a suitably qualified engineer to ensure regulatory and safety compliance.

GENERAL INSTALLATION NOTES

WEATHER PROTECTION

If permanent flashings or membranes have not yet been installed, temporary flashings must be used during installation to prevent moisture ingress. Wall cavities are not designed to manage bulk water; any water entry can cause timber cupping or expansion.

AVOID UNEVEN WEATHERING

Cladding left exposed to sunlight before installation, or subjected to prolonged shading from scaffolding, may develop uneven weathering. This uneven appearance typically fades after several months of consistent exposure.

GROUND CLEARANCE

Provide ground clearance in accordance with NCC 2022 Part 7.5.7. Proper clearance prevents splashback and long-term moisture issues.

VENTILATION & DRAINAGE

Maintain a 20mm continuous air and drainage cavity behind the cladding to allow the timber to breathe, as detailed in the drawings.

Note: To maintain performance, thermal and hygrothermal behaviour should be assessed as part of project-specific design. Software such as WUFI® can assist in validating wall performance in your climate zone.

EXPANSION GAPS & BOARD ALIGNMENT

Loose lay boards with a 1–2mm expansion gap between boards to allow for natural timber movement. Pre-mark layout on battens to avoid misalignment. Boards must not be installed tightly together.

WATERPROOFING

Timber cladding is not a waterproof barrier. It is the builder's responsibility to ensure full waterproofing using appropriate membranes, flashings, and sarking, as per architectural documents and the Building Code of Australia.

We recommend the Pro Clima system, including Solitex Extasana membranes and Tescon sealing tapes. Equivalent membrane systems may also be used and will not void Mortlock Timber's warranty, provided installation complies with the Building Code. For membrane installation guides, visit: <https://proclima.com.au>

TANNIN LEACHING

Some timbers can leach tannins when exposed to moisture, which may stain nearby surfaces like concrete, render, or stone. This is most common during early weathering.

To minimise tannin leaching:

- Seal end grains before installation
- Protect nearby surfaces during early exposure
- Clean any tannin stains immediately

Tannin leaching typically reduces over time with continued weathering.

More information: <https://www.mortlock.com.au/learning/timber-leaching/>

INTERACTIVE 3D INSTALLATION SUPPORT

For animated 3D models of Trendplank installation details, visit Working Spec: <https://workingspec.com.au/models>



INSTALLATION NOTES

SCREWS

We recommend using SPAX façade screws for secure and discreet cladding installation. These are designed specifically for timber façades and typically do not require pre-drilling due to their self-drilling tip.

Pre-drilling may be required depending on the timber species selected or near board ends to prevent splitting.

Specifications:

- Surface: Stainless steel A2 304
- Head type: Flat countersunk
- Units per box: 100
- Thread diameter: 4mm
- Length: 45mm
- Bit size: T-15

SCREW POSITIONING

Trendplank features a screw locating line on the tongue to guide fixing placement. Screws should be installed on a slight angle through the tongue, as detailed in the installation drawings. This ensures a secure hold while allowing the next board to conceal the screw head.

END MATCHING

End matching is a tongue and groove profile on the board ends that allows them to be joined off-stud, providing:

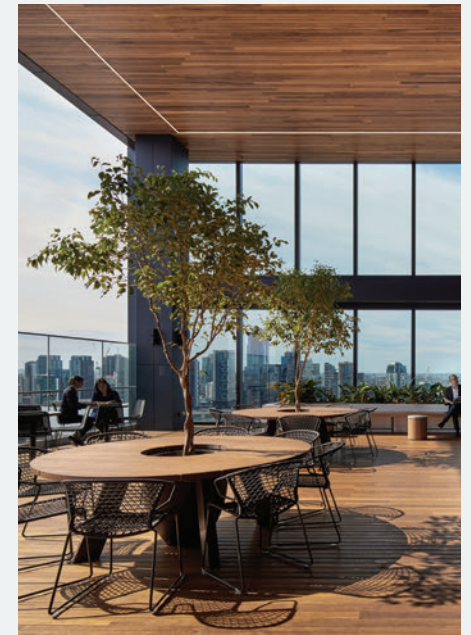
- Improved water resistance
- Faster installation (no trimming required)
- Reduced material waste

Installation Instructions:

- Apply Sikaflex 11FC or equivalent to the groove joint.
- Push boards together until fully engaged.
- Trim any excess sealant after drying.
- For vertical cladding, install boards with the tongue facing upward.

BATTEN SPACING - TECHNICAL NOTE

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.





INSTALLATION STEPS BY WALL TYPE

VERTICAL CLADDING - TIMBER FRAME WALL

1. Install breathable building membrane as per manufacturer's guide.
2. Fix horizontal battens at 450mm centres over 20mm cavity spacers.
3. Ensure a continuous drained and ventilated cavity as per drawings.
4. Install base angles, corner trims, and flashings as per the drawings and specs.
5. Mark board layout on battens to maintain spacing and alignment.
6. Fix boards using SPAX façade screws, ensure end-matching tongue is facing upwards.
7. Conceal fixings with the groove of the next board.

VERTICAL CLADDING - MASONRY WALL

1. Ensure the masonry wall is properly waterproofed
2. Fix horizontal battens at 450mm centres over 20mm cavity spacers to masonry.
3. Maintain ventilation and drainage cavity behind battens.
4. Install all trims and flashings as per drawings and specifications.
5. Mark layout for alignment and spacing.
6. Fix boards using SPAX façade screws, ensure end-matching tongue is facing upwards.
7. Conceal fixings with the following board.

HORIZONTAL CLADDING - TIMBER FRAME WALL

1. Install breathable building membrane as per manufacturer's guide.
2. Fix vertical battens at 450mm centres.
3. Maintain a 20mm cavity behind cladding boards to allow for proper drainage and ventilation.
4. Install base angles, trims, and flashings.
5. Pre-mark layout for board alignment.
6. Fix boards using SPAX façade screws, ensure tongue is facing upwards.
7. Conceal fixings with the next board.

HORIZONTAL CLADDING - TIMBER FRAME WALL

1. Ensure the masonry wall is properly waterproofed.
2. Fix vertical battens at 450mm centres to masonry.
3. Maintain a 20mm cavity behind cladding boards to allow for proper drainage and ventilation.
4. Install flashings and trims to specification.
5. Mark layout for even spacing and gaps.
6. Fix boards using SPAX façade screws, ensure tongue is facing upwards.
7. Conceal fixings with the next board.





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.

CLEANING

If cleaning is required, use a soft-bristled broom, brushing in the direction of the timber grain. Stains can be treated with warm soapy water or timber cleaners compatible with the coating.



MAINTENANCE

Proper maintenance ensures the longevity and appearance of your timber finish. Each coating system has different needs based on exposure and application:

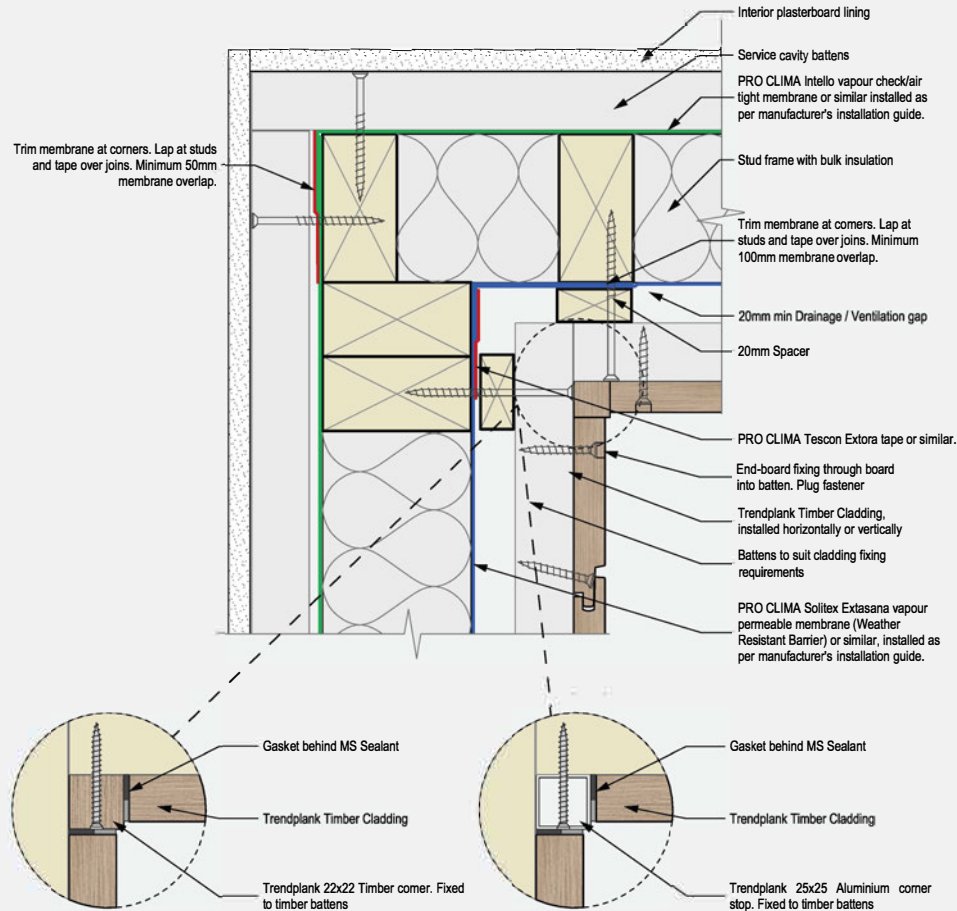
- Cutek CD50 is a low-maintenance oil that fades naturally without flaking. Clear oil will silver off over time or retain colour longer if tinted. We recommend a second coat shortly after installation and ongoing maintenance every 12–18 months for exposed exterior areas. No sanding is required for reapplication.
- WOCA Exterior Oil is designed to protect against UV and water damage while enhancing the grain. For exterior cladding, a second coat 4–6 weeks after installation is ideal. Ongoing recoats are typically required every 1–3 years, depending on exposure. Interior use generally requires little or no maintenance.
- Sioo:x is a long-life exterior coating that requires minimal maintenance. The finish gradually silvers over 12–18 months and may not need reapplication for 5–7 years. If required, only a light touch-up with the Part 2 maintenance coat is needed.
- Enviro Clear is a sealed lacquer system ideal for interior walls and ceilings. It requires no scheduled recoating and can be cleaned with a damp cloth. Spot repairs are possible with light sanding and reapplication.
- Fireshield (TIMBERCLEAR 1FR) is a clear fire-retardant coating for internal linings. It does not require regular maintenance but should be visually inspected annually to ensure there is no damage to the surface. Reapplication or patching must be done by certified applicators if impacted.

For project-specific care, please refer to individual product datasheets or contact Mortlock Timber's team for tailored advice



INSTALLATION DIAGRAMS

INTERNAL CORNER

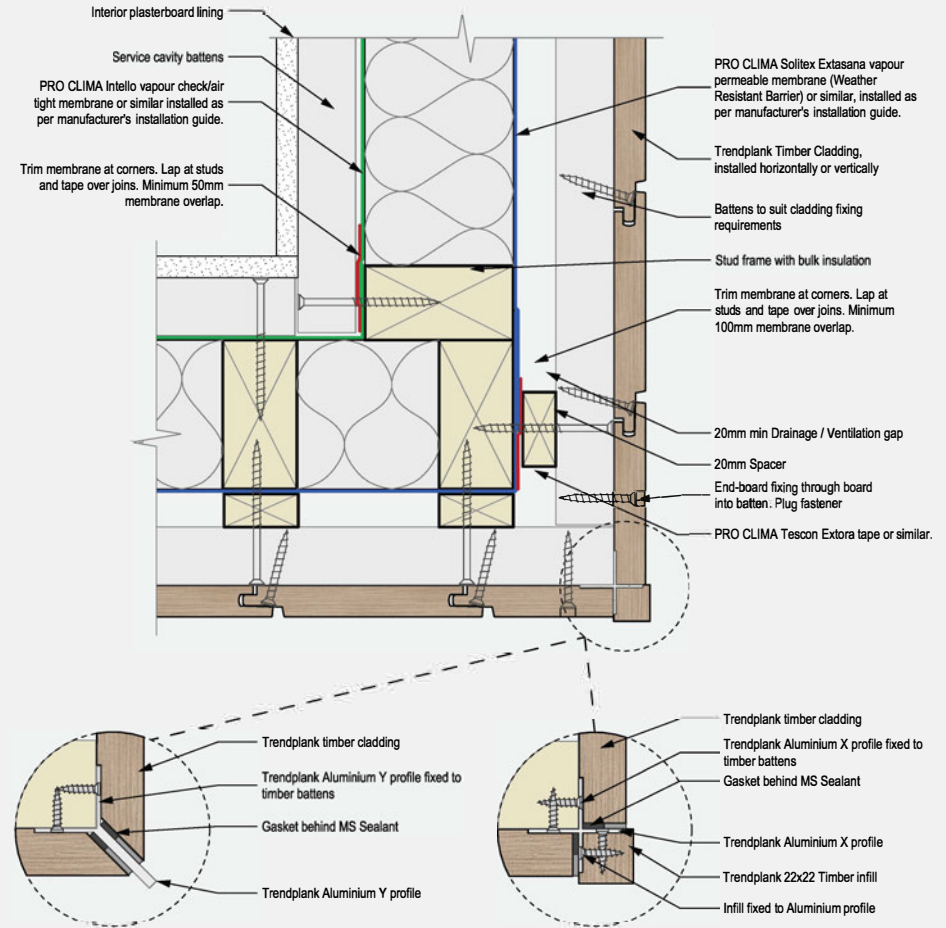


Interactive Assembly Instructions Available



Get WorkingSpec from Apple App Store/Google Play

EXTERNAL CORNER



Interactive Assembly Instructions Available



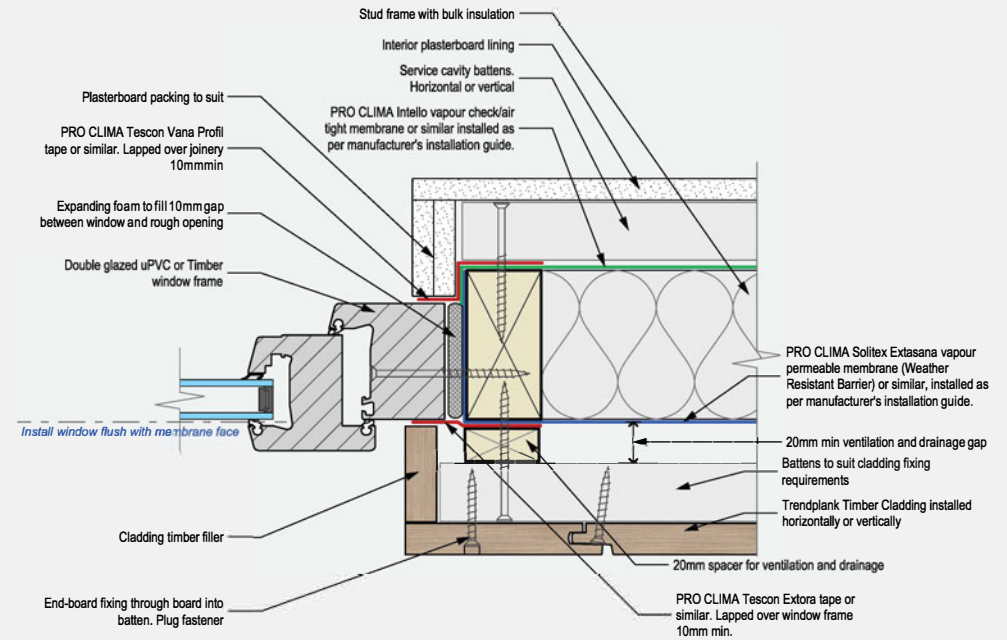
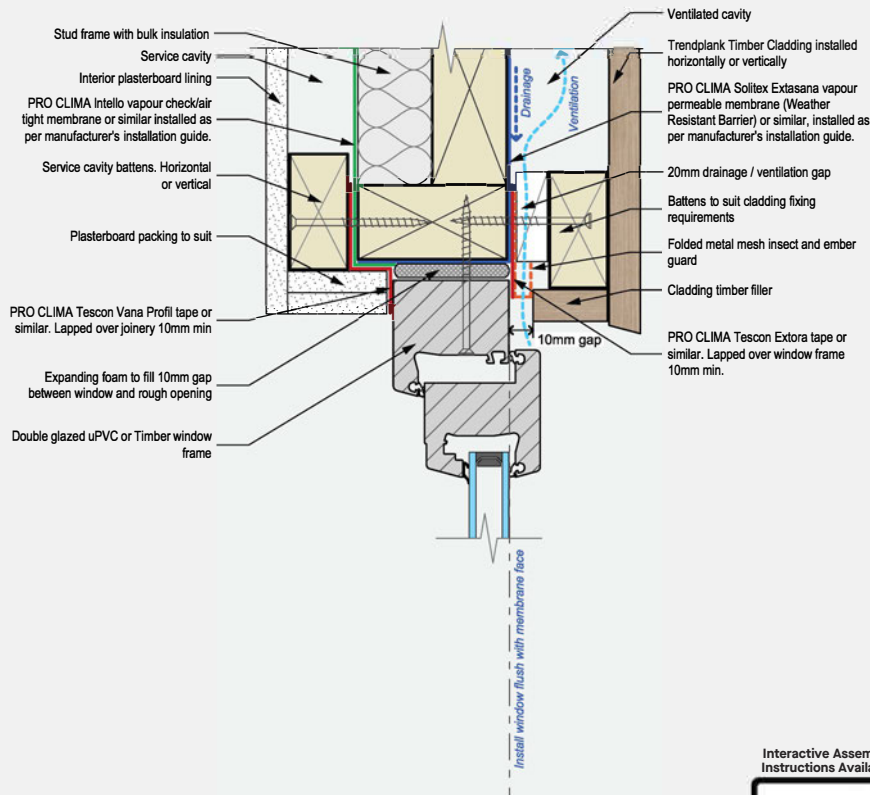
Get WorkingSpec from Apple App Store/Google Play



INSTALLATION DIAGRAMS

WINDOW HEAD - TIMBER/uPVC

WINDOW JAMB - TIMBER/uPVC



Interactive Assembly Instructions Available

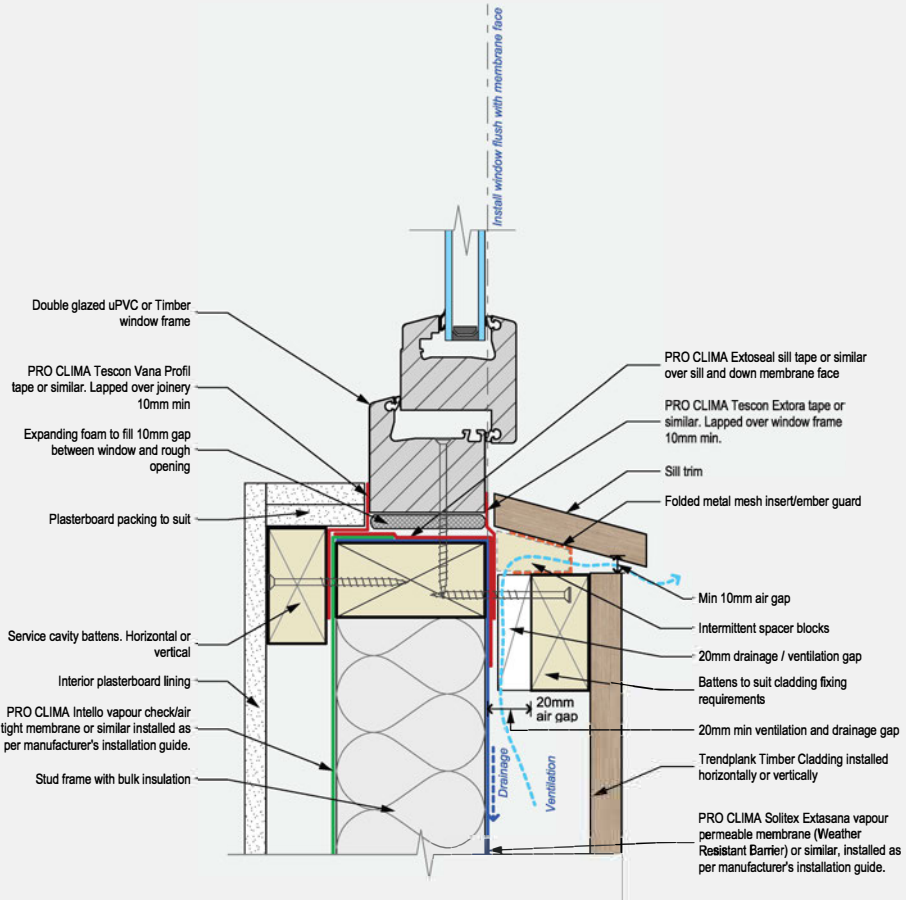


Get WorkingSpec from Apple App Store/Google Play

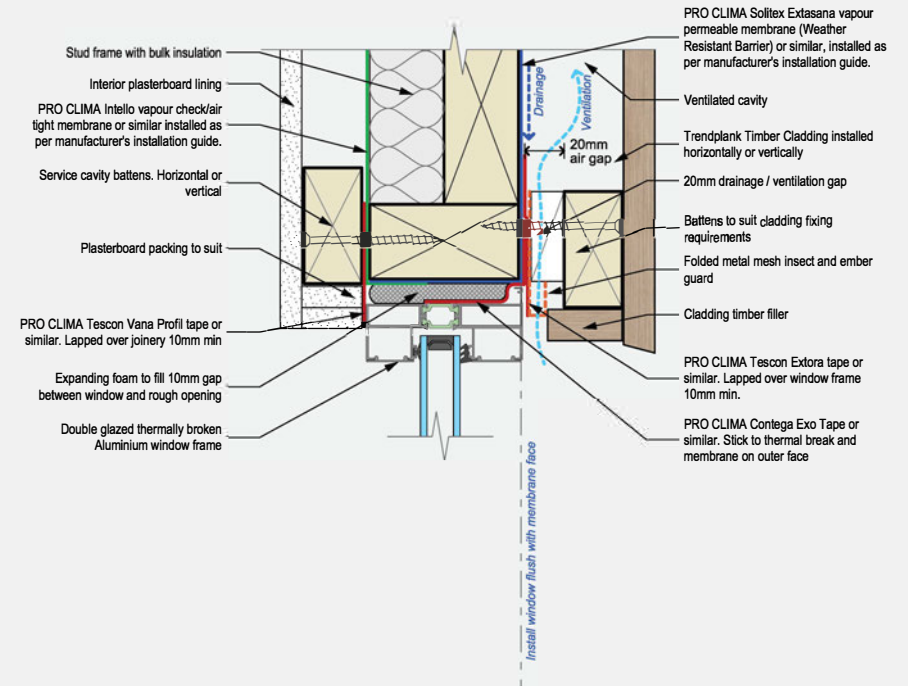


INSTALLATION DIAGRAMS

WINDOW SILL - TIMBER/uPVC



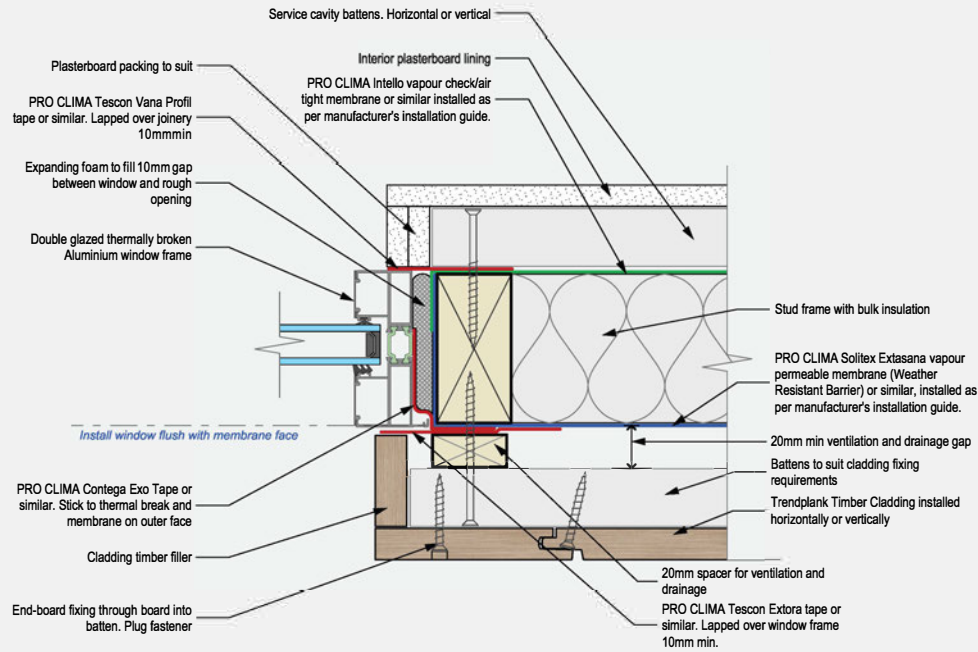
WINDOW HEAD - ALUMINIUM



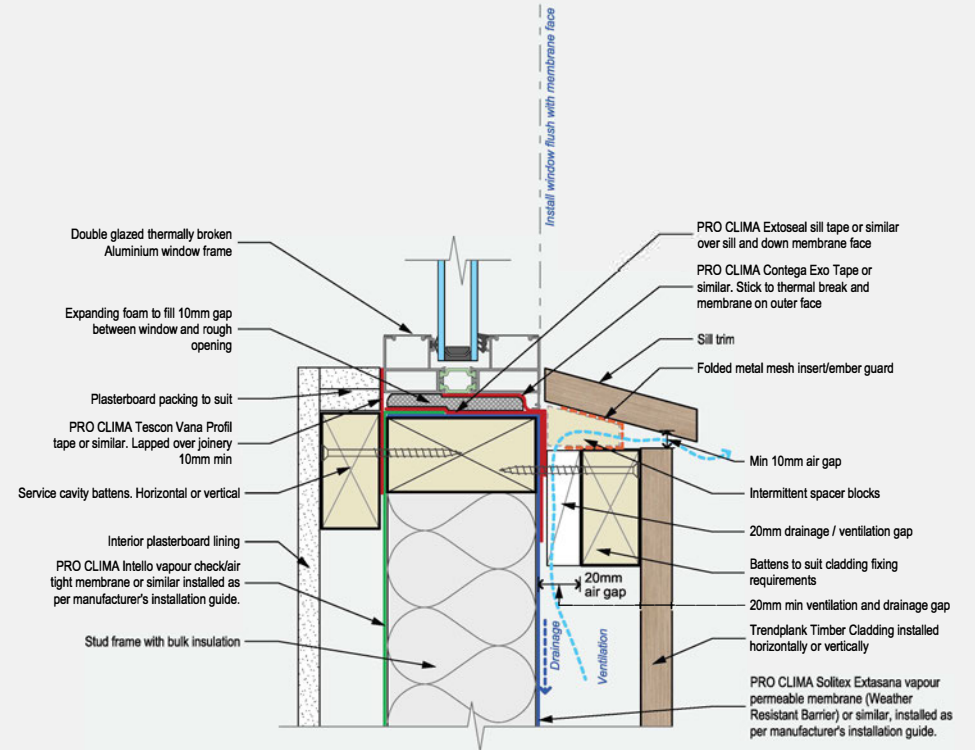


INSTALLATION DIAGRAMS

WINDOW JAMB -ALUMINIUM



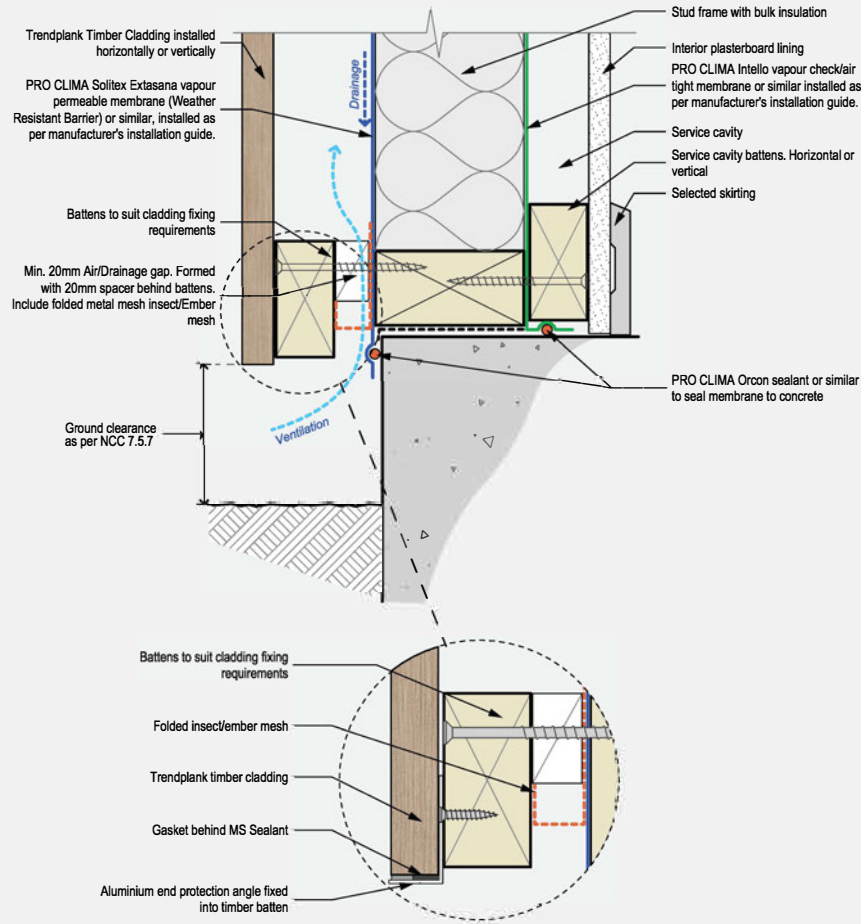
WINDOW SILL -ALUMINIUM



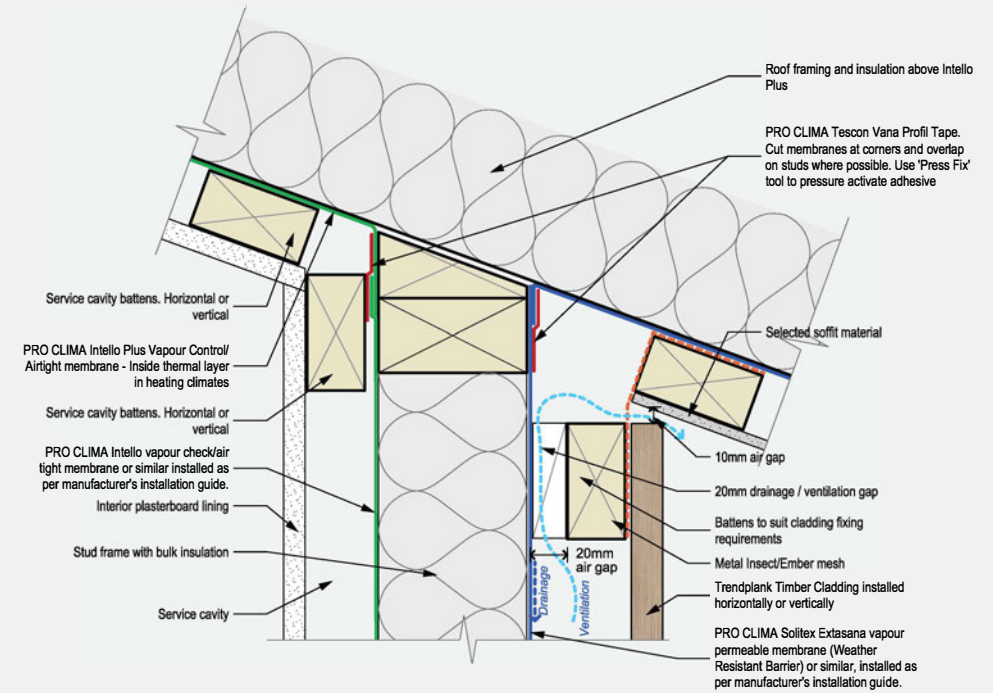


INSTALLATION DIAGRAMS

WALL BASE



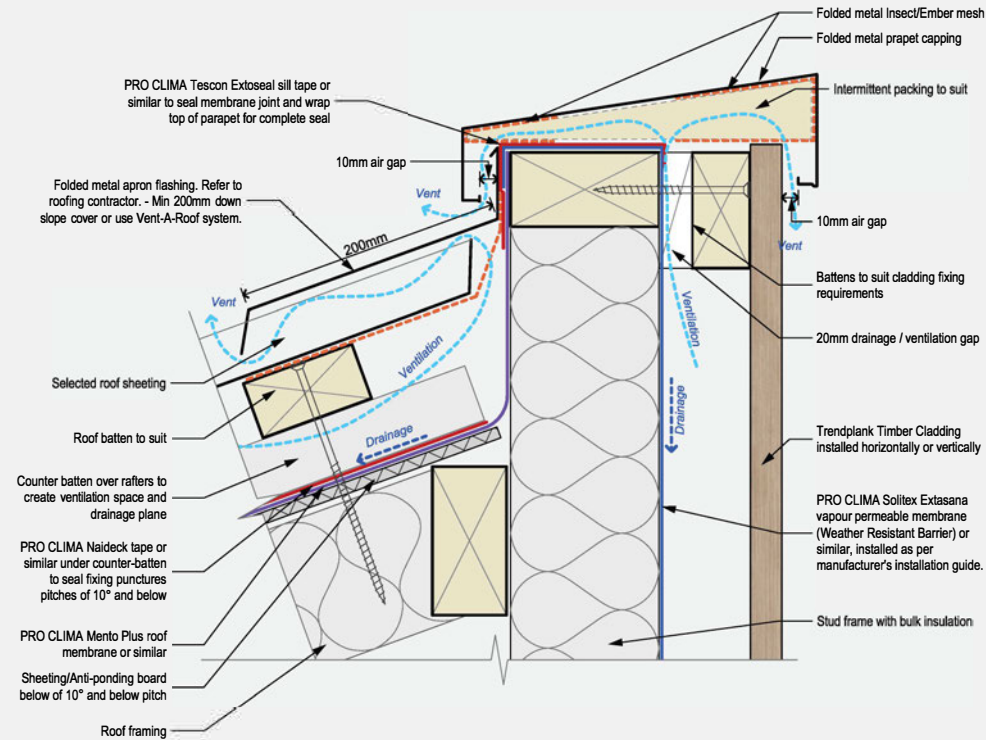
WALL TO ROOF



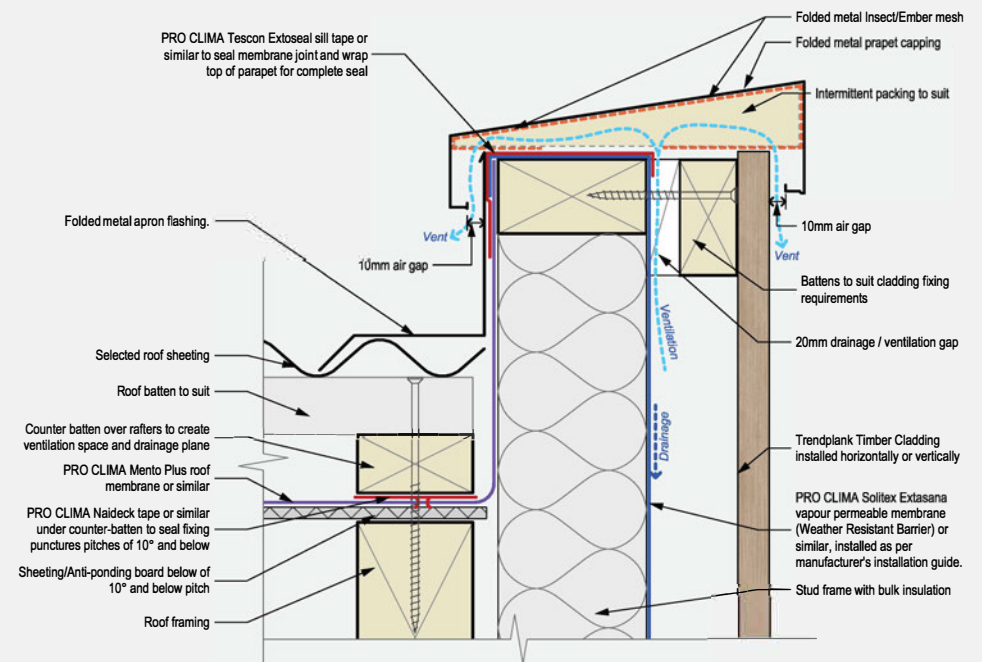


INSTALLATION DIAGRAMS

PARAPET - TOP OF ROOF SLOPE



PARAPET - SIDE OF ROOF SLOPE



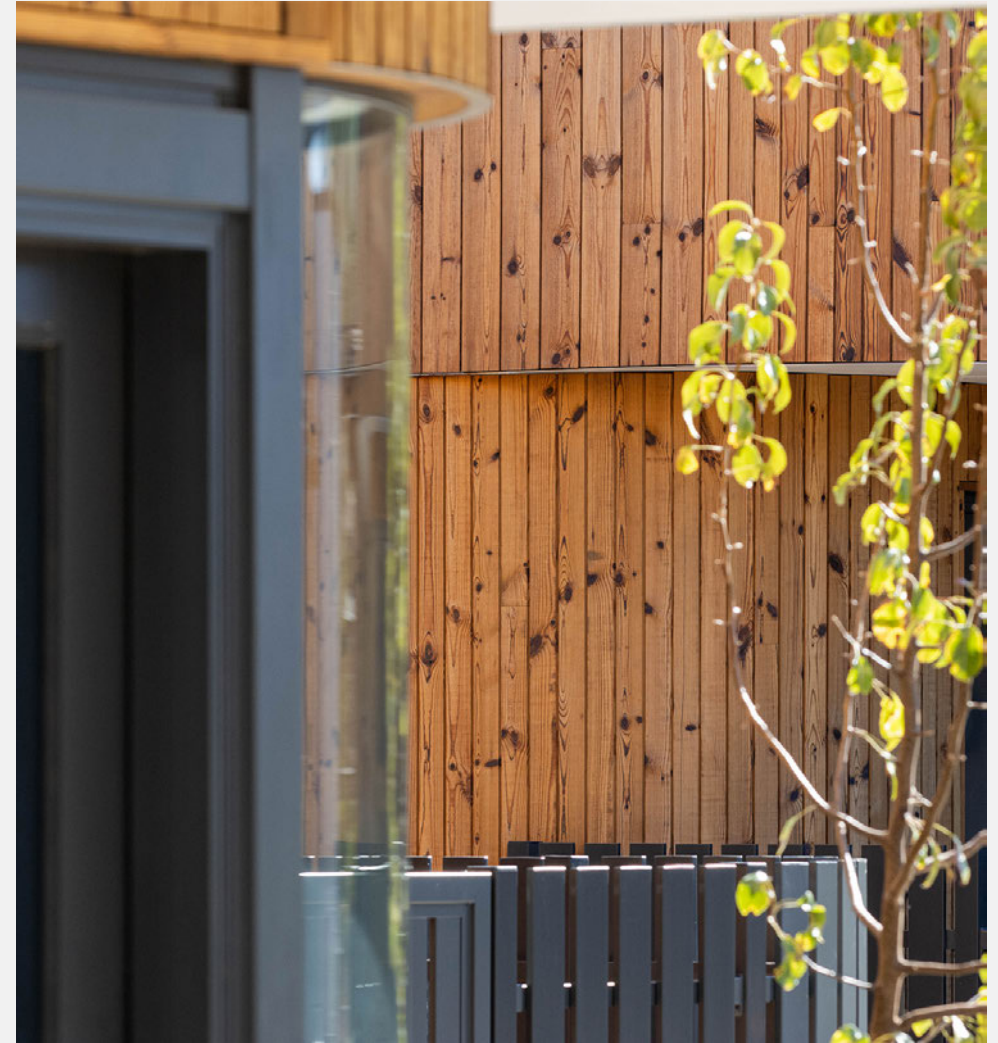
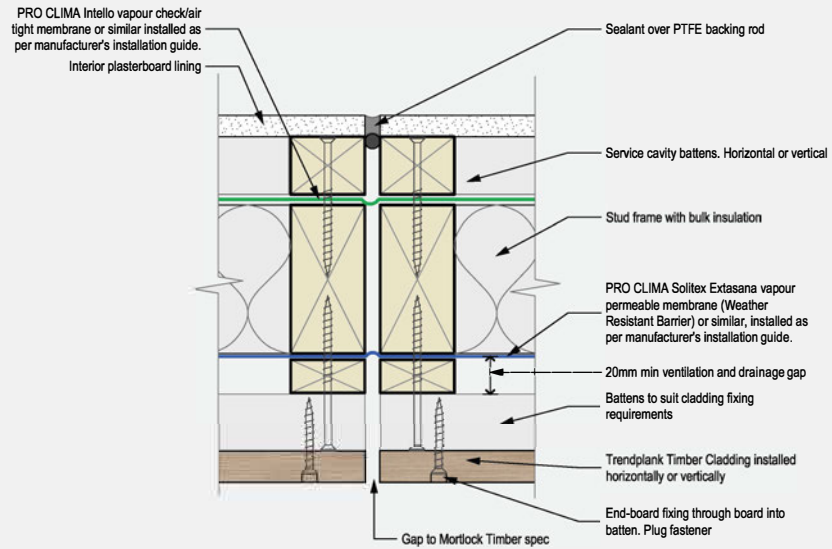
Interactive Assembly Instructions Available



Get WorkingSpec from Apple App Store/Google Play

INSTALLATION DIAGRAMS

EXPANSION GAP





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	120x19
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	122x19 Shiplap
Timber Species	Spotted Gum



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





PROJECT DETAILS	
Project	Scarborough SLSC
Location	Scarborough WA
Board Size	120x19 & 85x20
Timber Species	Pacific Teak



PROJECT DETAILS	
Project	Caulfield North House
Location	Caulfield, VIC
Board Size	120x19
Timber Species	Vacoa



DESIGN & INSTALLATION CONSULTING

Our team can assist with detailing and specification to suit your project's unique requirements. We support design decisions that balance budget and aesthetics while ensuring long-term performance and durability from our products.

SAMPLES

We offer access to Mortlock Timber's full product range through our dedicated samples department. Standard samples are sent via express delivery and typically arrive within 2–3 business days. Custom samples and sample boards are made to order and generally delivered within 3–6 weeks, depending on project requirements.



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