

Installation guide suitable for Hurford's Wood Elements

Thank you for purchasing Hurford's WOOD ELEMENTS. Please read these instructions prior to installation.

Wood Elements is a complete hardwood cladding system, milled to comply with Australian Standards 2796 and design in both horizontal and vertical application.

This document is intended as a guide only, and should be read in conjunction with the Building Code of Australia. It is advised that only qualified tradespeople with the relevant skill levels install this product. It is the installer's responsibility for the structural integrity and waterproofing of the building.

WARNING: MUST BE KEPT DRY PRIOR TO INSTALLATION

Hardware required to install Hurford's WOOD ELEMENTS:

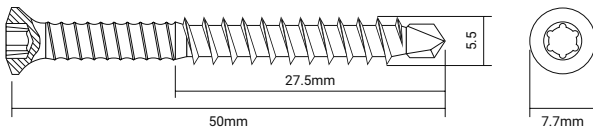
SIKAFLEX®-11FC+

Available from Sika stockists.

WURTH AW® BIT
Bit AW E 6.3 (1/4)

BIT-AW20-LUMINOUSORANGE-1/4IN-L50MM (Art.-no.: 06145220)

WURTH ASSY®PLUS A2 DECKING CONSTRUCTION SCREW
AW20-5,5X50/23 (Art.-no.: 0166115550)



Available to purchase from Hurford's or WURTH stockists.

Preparation:

- » Check all weatherproofing precautions ie. breathable cavities, no water traps etc.
- » Pre-coat all faces and edges of the cladding boards prior to installation (Wood Elements has a factory pre-coat option, if this option has been supplied you can skip this step).
- » Pre-coat all faces and edges of timber trims prior to installation.

NOTE: ENSURE ALL PREPARATION WORK IS CARRIED OUT BEFORE INSTALLATION.

Installation:

- 1.) Check frame is straight, studs are flush and centre spacings (600mm maximum) are appropriate.
- 2.) Install vapour permeable sarking as per manufacturer's instructions.
- 3.) Install cavity battens with a required minimum depth size of 35mm over sarking.

Horizontal Cladding Install – install cavity battens with a required minimum depth size of 35mm in line with studs over sarking.

Vertical Cladding Install – install cavity battens with a required minimum depth size of 35mm horizontality over sarking, maximum of 600mm spacing.

- 4.) Install waterproof corner, window, roof flashing as per manufacturer's instructions.
- 5.) Mark out the board increments using a storey rod to ensure boards stay aligned.
- 6.) Install Wood Elements trims as per instructions. Refer to details in FIG 1 - 6. Check board is level before fixing. Use WURTH ASSY®PLUS A2 DECKING CONSTRUCTION SCREW 0166115550 with the WURTH AW® BIT 06145220 to secret fix the board to the cavity battens.

Horizontal Cladding Install – Starting at the bottom, begin cladding installation by fixing a starting board with tongue edge facing up. Check board is level before fixing. Use WURTH ASSY®PLUS A2 DECKING CONSTRUCTION SCREW 0166115550 with the WURTH AW® BIT 06145220 to secret fix the board to the cavity batten. Ensure the board is at least 100mm above ground level or appropriate flashings are in place for water drainage.

Vertical Cladding Install – Ensure the end match is installed with the tongue facing up and the groove facing down. Check board is level before fixing. Use WURTH ASSY®PLUS A2 DECKING CONSTRUCTION SCREW 0166115550 with the WURTH AW® BIT 06145220 to secret fix the board to the cavity batten. Ensure the board is at least 100mm above ground level or appropriate flashings are in place for water drainage.

7.) Wood Elements cladding boards are end matched, allowing an end join between cavity batten. Apply a bead of sealant to the groove of the fixed board and slide the next board into place (see diagram 1), locking the boards together. Then secure the board onto the cavity battens. Scrap excess sealant off once dry. The micro bevel end-match aids in directing water away from the join.

8.) Continue installing the boards from the starter board. The Automatic Spacing System will allow the correct expansion between each board (see diagram 2); follow increment markings to ensure the level line is maintained.

Completion:

- » Install permanent capping immediately on completion of cladding installation.
- » Ensure any gaps are sealed using Sikaflex or similar product.
- » Apply the second coat of finisher to the facade after installation. Depending on the products drying time and specified number of coats a final coat may need to be applied .

Notes:

- » Avoid tannins leaching use Intergrain UltraPrep Tannin & Oil Remover (if façade is being left to weather naturally).
- » Timber generally expands through the width of the board and not the length, ensure boards butt up tightly.
- » If the cladding cannot be installed immediately, store in a dry protected area with the pack elevated on bearers.
- » Provide temporary capping during installation to prevent damage caused by wet conditions.
- » End Stop L Profile should not be used as an exterior horizontal wall flashing.

Design & Maintenance - Refer to Wood Elements brochure or Hurford's Wood Elements webpage for design and maintenance points. Alternatively contact your local retailer or Hurford's office.

Again, thank you for purchasing Hurford's WOOD ELEMENTS.

www.hurfordwholesale.com.au

Diagram 1.

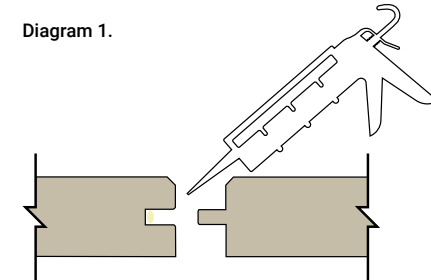


Diagram 2.

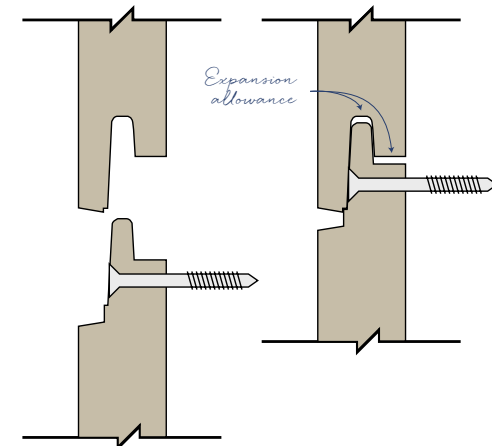
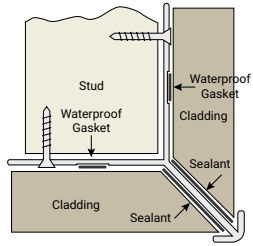


FIG 1



Aluminium External Corner Stop (install prior to cladding)

- Screw the trim to the stud as per drawing.
- Peel the back off the supplied gaskets (23mm x 3mm) and fit to each side of protruding arm, as pictured. (This step can also be done before fixing the trim to the stud).

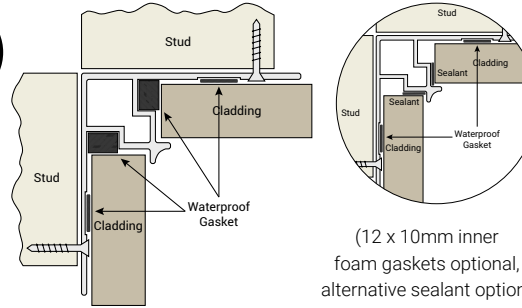
Or

Apply a bead of sealant in place of the foam gaskets; ensure enough sealant is used to create a moisture barrier. Scrap excess sealant off once dry.

- Cladding board will need to be mitred, ensure end grain is sealed.
- Fix cladding to stud allowing gaskets to compress; for sealant option compress sealant to form a 3mm thickness. Trim can flex slightly to allow the board to fit firmly against the protruding arm gasket.

! Tip: When working on the second part of the interconnecting walls there won't be as much flex in the trim, so plan ahead and work out which side might not need the aided flex.

FIG 2



Aluminium Internal Corner Stop (install prior to cladding)

- Screw the trim to the studs as per drawing.
- Peel the back off the supplied gaskets (12mm x 10mm) and fit to each inside corner cup, as pictured. (This step can also be done before fixing the trim to the stud).

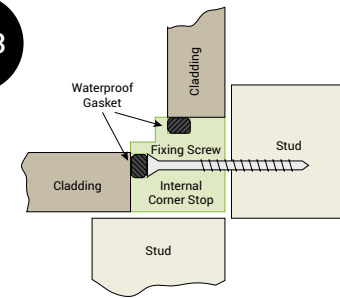
Or

Apply a bead of sealant to the instep as pictured; ensure enough sealant is used to create a moisture barrier. Scrap excess sealant off once dry.

- Cut the cladding boards to length, ensure end grain is sealed.
- Fix cladding to stud allowing gaskets to compress; for sealant option compress sealant to form a 3mm thickness.

! Tip: Work from the inside corner out.

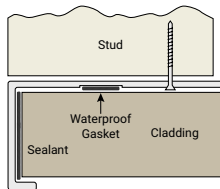
FIG 3



Timber Internal Corner Stop (install prior to cladding)

- Screw the trim to the studs through the gasket groove as per drawing.
- Peel the back off the supplied gasket (9mm x 9.5mm) and insert into the groove.
- Cut the cladding boards to length, ensure end grain is sealed.
- Fix cladding to stud allowing gasket to compress. Cladding should butt up against trim.

FIG 4



Aluminium End Stop L (install prior to cladding)

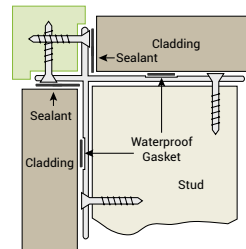
- Screw the trim to the stud as per drawing.
- Peel the back off the supplied gasket (18mm x 3mm) and fit to protruding arm, as pictured. (This step can also be done before fixing the trim to the stud).

Or

Apply a bead of sealant to the arm as pictured; ensure enough sealant is used to create a moisture barrier. Scrap excess sealant off once dry.

- Cut the cladding board to length, ensure end grain is sealed.
- Fix cladding to stud allowing gaskets to compress; for sealant option compress sealant to form a 3mm thickness.

FIG 5



External Cross with Timber Corner (install prior to cladding)

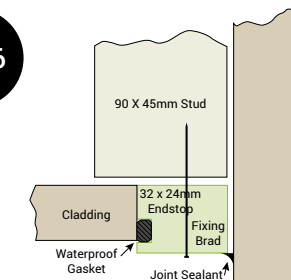
- Screw the aluminium cross trim to the stud as per drawing.
- Screw the timber corner to the aluminium cross trim as per drawing.
- Peel the back off the supplied gaskets (12mm x 3mm) and fit to each protruding arm as pictured, lining the edge of the gasket up with the edge of the trim.

Or

Apply a bead of sealant in place of the foam gaskets; ensure enough sealant is used to create a moisture barrier. Scrap excess sealant off once dry.

- Cut the cladding boards to length, ensure end grain is sealed.
- Fix cladding to stud allowing gaskets to compress; for sealant option compress sealant to form a 3mm thickness.

FIG 6



Timber End Stop (install prior to cladding)

- Fix the trim to the stud with a Brad as per drawing.
- Peel the back off the supplied gasket (9mm x 9.5mm) and insert into the groove. (This step can also be done before fixing the trim to the stud).
- Cut the cladding boards to length, ensure end grain is sealed.
- Fix cladding to stud allowing gasket to compress. Cladding should butt up against trim.
- Caulk the joint between the trim and the adjacent surface.