HURFORD'S
Shou Sugi Ban
REFINED ARCHITECTURAL CLADDING 焼杉板

Installation guide suitable for Hurford's Shou Sugi Ban

Thank you for purchasing Hurford's Shou Sugi Ban.
Please read these instructions prior to installation.

Shou Sugi Ban is a complete 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

Preparation:
» Check all weatherproofing precautions ie. breathable cavities, no water traps etc.
» This step is optional. Pre-coat all faces and edges of the cladding boards prior to installation (Shou Sugi Ban has a factory pre-coat option, if this option has been supplied you can skip this step).

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, fix horizontal battens and notch out for vertical cladding install.
2.) Install vapour permeable sarking as per manufacturer's instructions.
3.) Install cavity battens over sarking in line with studs.
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 Shou Sugi Ban trims as per instructions. Refer to details in FIG 1 - 3. Check board is level before fixing. Use Wurth Stainless Steel A2 Cladding Screw with AW Driver to secret fix the board to the studs.
7.) Starting at the bottom, begin cladding installation by fixing a starting board with tongue edge facing up. Check board is level before fixing. Using a Wurth Stainless Steel A2 Cladding Screw with AW Driver secret fix the board to the studs. Ensure the board is at least 100mm above ground level or appropriate flashings are in place for water drainage. For vertical installation ensure the end-match is installed with the tongue facing up and the groove facing down.
8.) Shou Sugi Ban cladding boards are end matched, allowing an end join between studs. 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 following studs/battens. Scrap excess sealant off once dry. The micro bevel end-match aids in directing water away from the join.
9.) Continue installing the boards from the starter board. AN EXPANSION GAP MUST BE IMPLEMENTED BETWEEN CLADDING BOARDS. To allow the correct expansion between each board, use a 6mm spacer to achieve a uniformed shadow line.

Completion:
» Install permanent capping immediately on completion of cladding installation.
» Ensure any gaps are sealed using Sikaflex or similar product.
» Optional: 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:
» 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 - Visit Hurford's website for Design and Maintenance Points. Alternatively contact your local retailer or Hurford Wholesale office.

Again, thank you for purchasing Hurford's Shou Sugi Ban.

www.hurfordwholesale.com.au

Diagram 1.

Diagram 2.

Expansion allowance

FIG 1

Stud
Waterproof Gasket
Waterproof Gasket
Cladding
Sealant
Cladding
Sealant

FIG 2

Stud
Stud
Cladding
Cladding
Waterproof Gasket

Stud
Cladding
Sealant
Sealant
Cladding
Waterproof Gasket

(12 x 10mm inner foam gaskets optional, alternative sealant option)
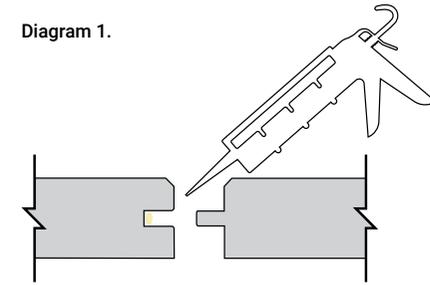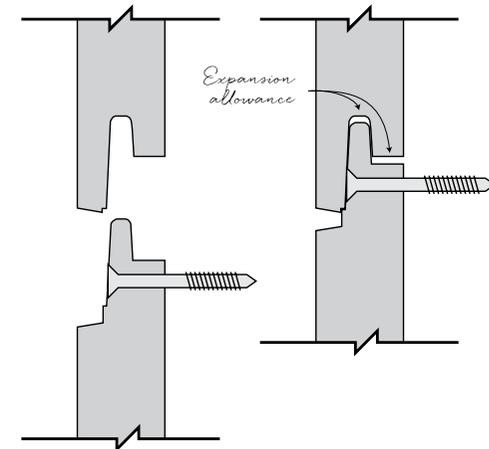
FIG 3

Stud
Waterproof Gasket
Cladding
Sealant

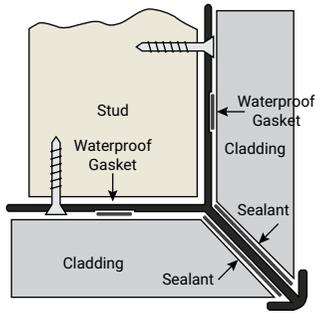
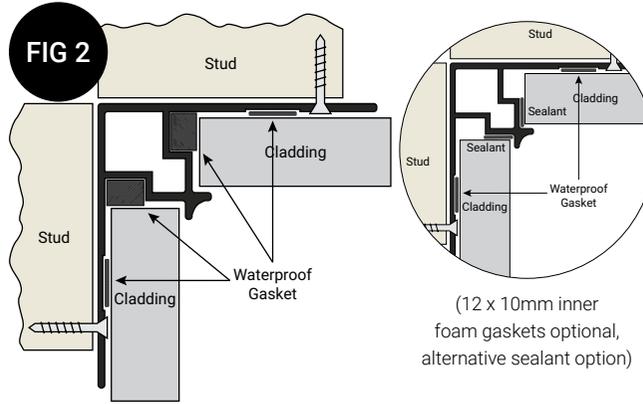**Aluminium External Corner Stop (install prior to cladding)**

a. Screw the trim to the stud as per drawing.

b. Peel the back off the supplied gaskets (24mm 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.

c. Cladding board will need to be mitred, ensure end grain is sealed.

d. 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.

**Aluminium Internal Corner Stop (install prior to cladding)**

a. Screw the trim to the studs as per drawing.

b. 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.

c. Cut the cladding boards to length, ensure end grain is sealed.

d. 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.
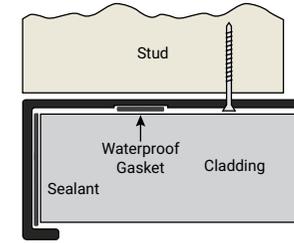
Aluminium End Stop L (install prior to cladding)

a. Screw the trim to the stud as per drawing.

b. 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.

c. Cut the cladding board to length, ensure end grain is sealed.

d. Fix cladding to stud allowing gaskets to compress; for sealant option compress sealant to form a 3mm thickness.

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