

Shou Sugi Ban

REFINED ARCHITECTURAL CLADDING

焼杉板

BY HURFORD'S

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A complete system.

Hurford's Shou Sugi Ban Refined Architectural Cladding combines the ancient Japanese craft of fire treatment with a precision milled, architectonic cladding profile. It is a complete solution for any exterior wall, offering not just the cladding but a selection of customised trims to ensure a streamlined execution and a weathertight result. The timber species selected to manufacture Hurford's Shou Sugi Ban are ethically sourced and processed by Hurford's locally owned and operated facility in Queensland, Australia.

As well as durable Australian hardwoods, some meeting BAL-29. These timbers are sought after for their natural qualities. Applying the fire treatment provides an additional barrier of protection against insect attack and decay, further increasing overall durability. Hurford's uses a modernised Shou Sugi Ban technique that evenly chars the face of the board.



Characteristics of this traditional Japanese cladding.

Customers choose Shou Sugi Ban for many reasons, and one that is commented on frequently is the stunning crocodile skin appearance, where every board is different and where the dark grey-black char is infused with the wood surface.

When specifying this product, it is essential to know its characteristics, be accepting of the appearance changes that will occur, and provide the necessary maintenance.

Shou Sugi Ban was developed in 18th-century Japan solely as a method to enhance wood durability for rural farmhouses, not for its appearance. The char layer is relatively thin, and although coherent with the wood beneath it, the product has always been subject to flaking, with this normal and acceptable. This is the nature of the product.

The degree of char erosion occurring with time relates to the severity of the exposure, noting that board edges are more susceptible.

To help stabilise the char layer for use in the harsh Australian climate and assist with handling, two penetrating coats of sealer are applied in the factory following manufacture, but note that some of the char may still dislodge when handled. As such, the product needs to be handled with care, ensuring the foam separation sheets remain between the layers until installation, and that the product remains dry and protected until installed.

A final coat of Feast Watson Timber and Deck Stain, Black Japan, must be applied within a few days of installation, as this provides further stabilisation of the char layer. This final site coat also enhances the dark grey-black colour, but note that over time, there will be a transition from the darker tones to greyer tones. A time will come when complete recoating is warranted, providing a fresher look. Note that colour change in the surface char layer does not affect the durability of the wood beneath.

Achieve great design without great effort by integrating our charred timber cladding into your next design's façade.

Why choose Hurford's Shou Sugi Ban Refined Architectural Cladding?

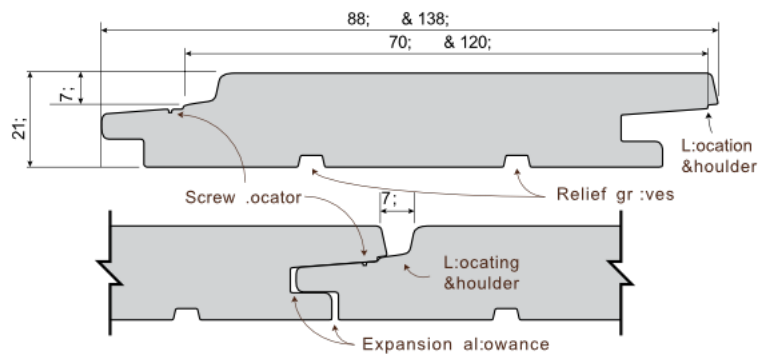
Hurford's is one of the oldest companies in the Australian timber manufacturing business. Our love and expertise for drying and manufacturing timber products, along with our need to provide innovative solutions, fuels our drive to produce quality timber products, and with Shou Sugi Ban, a quality timber system.

Hurford's Shou Sugi Ban Refined Architectural Cladding is a complete solution for any wall, offering not just a precision milled piece of charred timber cladding but also the detailed trims to ensure a streamlined finish and weathertight result.

Profile Design Coulee

Collective features include:

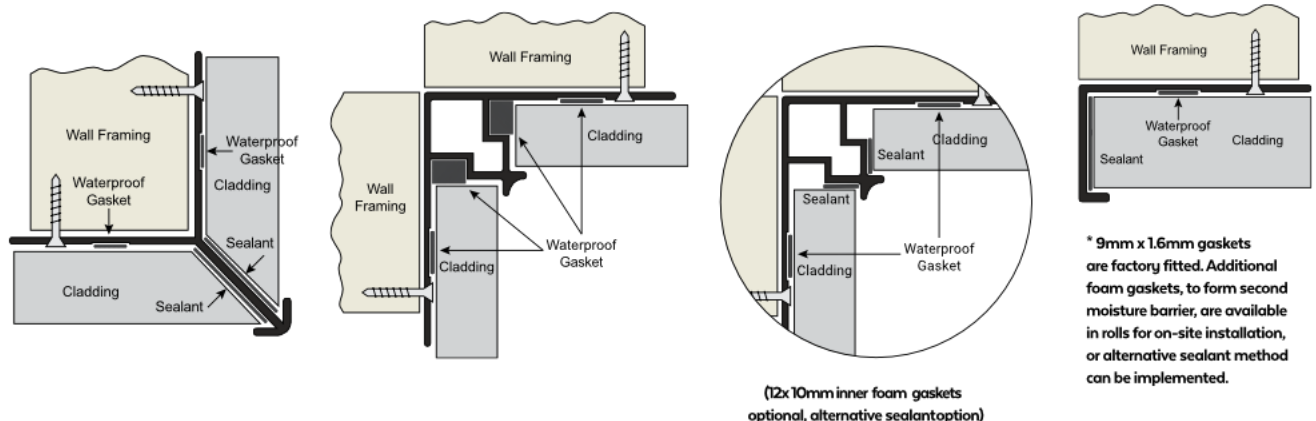
- Relief grooves, which are designed to take the stress out of the cladding, reducing the effect of warping and cupping.
- Screw location line indicates exactly where to fix the cladding board, allowing the next row to slide over the existing board and create a secret fix finish.
- The profiled board location shoulder provides a convenient method of incorporating the necessary expansion allowance as each board is fixed in place. This is checked during installation to ensure that expansion allowance is maintained.



* View the installation guide for more details.

Trim designs external corner, internal corner, end stop

Hurford's Shou Sugi Ban trims provide a streamlined finish and play an integral part in ensuring a water tight finish. All aluminium trims are factory fitted with waterproof gaskets* designed to decrease the on-site sealing process, and reduce the delivery of loose materials.



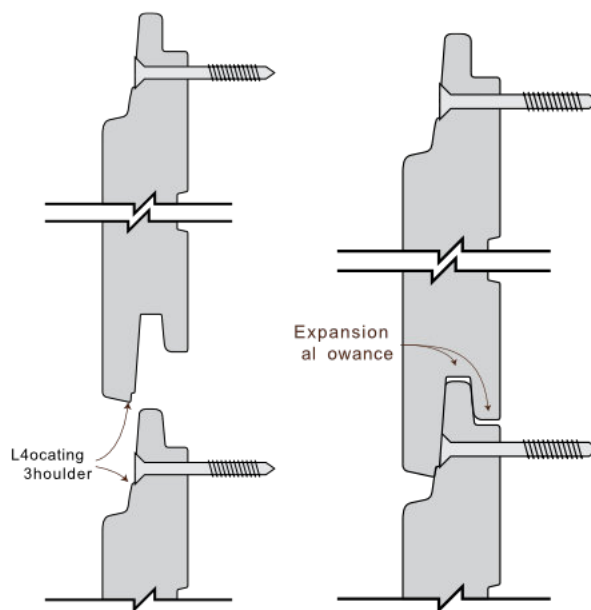
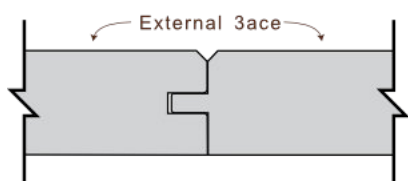


Features end matched & moisture barrier system.

End Matching

Utilising a specially developed end match system for external use, Hurford's Shou Sugi Ban end match profile has a micro bevel edge designed to encourage water to drain away from the join. Applying a bead of sealant to the join at installation stage eliminates moisture transfer and ensures a watertight connection.

End matching the product means the boards can be fixed mid cavity batten, eliminating the need to dock and create volumes of waste, saving up to 10% of the product that previously would have been thrown away. Not only does this save costs, but it's better for our environment, with less resource being used.



Moisture Barrier System

All trims in the Hurford's Shou Sugi Ban Cladding range feature a factory fitted seal, the foam gaskets compress and expand with timber movement, an extra safeguard against the Australian storm season. Factory fitted gaskets eliminate the on-site sealing process, reducing labour costs. The Moisture Barrier System does not eliminate the need for good building practice and meeting Building Code requirements.

Coating after installation and maintenance.

It is well known that any timber left uncoated and exposed to direct or indirect sunlight will inevitably weather and grey off. Hurford's Shou Sugi Ban Refined Architectural Cladding is no exception. Shou Sugi Ban is supplied pre-oiled to assist in the protection from aging and colour change. During installation, it is required that you coat any sawn cut exposed ends with Feast Watson Timber and Deck Stain, Black Japan. Once Shou Sugi Ban Refined Architectural Cladding is installed, you will also need to apply an additional coat of Feast Watson Timber and Deck Stain, Black Japan.

Although some surface degradation with time is unavoidable, blemishes can be disguised or the appearance reinstated, if desired. Often, re-application of the protective stain is all that is needed, but on-site re-charring can also be undertaken to specific locations. Changes in appearance will not affect the performance of the product.

A time will come when a fresh look is desired, and a further coat of Feast Watson Timber and Deck Stain, Black Japan will re-establish the dark burnt appearance of the product. Leaving the product without maintaining the coats will lead to faster aging and a change in patina.

For more information on Feast Watson Timber and Deck Stain, Black Japan maintenance, or to find a stockist, please visit their website www.feastwatson.com.au or phone FREECALL 1800 252 502.





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Specifications

CLADDING

Profile: Coulee

Width: 88mm (70mm cover) &
138mm (120mm cover)

Thickness: 21mm

Length: Random

Moisture Content: 10% to 15%

Fixing: Concealed fixing

Species: Durable Australian

Hardwoods, BAL-29 Australian Hardwoods

Joining: End-matched, micro bevel

Finish: Charred and then pre-oiled
with two coats of sealer

TRIMS

External Corner: Black powder coated finish

Internal Corner: Black powder coated finish

End Stop: Black powder coated finish

SCREW FIXING

Black coated A2 Stainless Steel screws
suitable for coastal installations.

Drive 1/4 inch RW drive bit.



Available for purchase from Hurford's



Manufactured By Hurford's

QLD(07) 3442 6300 | VIC& TAS(03) 8794 3300

NSW& ACT(02) 4646 1406 | SA& NT(08) 8376 6694

WAO448 132955

Email: info@hurfordwholesale.com.au

Web: www.hurfords.com.au

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