



Newport Channel Cladding

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Contemporary class with confidence

In addition to precision-machined tongue and groove profiles, the Newport Channel Cladding system features proprietary corner stops and end trims – all manufactured from naturally-durable Natural hardwoods.

This product is:

- Ideal for high-spec architectural projects and combines well with steel, stone and glass.
- Precision-machined to a furnituregrade finish.
- Available in four different size profiles with either a 5mm or 15mm shadowline.
- Easy to install with no further sanding required and feature flush-fitting trims provided for the highest-quality finished result.



Acoustics



Fire Rating

GREAT REASONS TO CHOOSE NEWPORT CHANNEL CLADDING



Concealed fixings*

Create continuous lines and a seamless finish with concealed fixings for internal applications.



Easy installation

Installation is a breeze with the easy-to-use tongue and groove profiles.



Complete system

Complete timber cladding system, including tongue and groove profiles, corner stops and end trims.



Precision machining

Perfectly accurate profiles every time, thanks to Modinex's precision machining capabilities.



Real natural hardwoods

The available natural hardwoods are Cumaru, Spotted Gum, Ironbark and Blackbutt. Natural hardwoods are more durable and also Fire rated in comparison to softwoods.



Kiln dried

Timber is kiln dried to 10-14% moisture content to ensure stability.



Pre-oiling available

Modinex offers a pre-oiling service, saving time on-site and allowing penetrating oil to soak in prior to handling and installation.



PROFILES

Newport Channel Cladding



PR-NCBG15C-70X19



PR-NCBG5C-120X19



Download the latest CAD files from the product section of modinex.com.au

Finishing trims available



External Window Nosing 40x40mm



Reversible Stop 32x32mm



Reversible Stop 57x32mm

NEWPORT CHANNEL CLADDING

Product Code	Cover (mm)	Thickness (mm)	Max Spans (mm)
PR-NCBG5C-70X19	70	19	450
PR-NCBG15C-70X19	70	19	450
PR-NCBG5C-120X19	120	19	450
PR-NCBG15C-120X19	120	19	450
NCES 30 x 20	70	29	N/A
NCICS 32 x 32	32	32	N/A
NCEC 32 x 32	32	32	N/A
ECACE/I External/Internal Corner Profile			Aluminium Starter Profile Option available in 5400mm lengths
ECACE/I External/Internal Corner Profile			Aluminium Corner Stop Option available in 5400mm lengths
Tangential Shrinkage			7 - 8% 7 - 8% 7 - 8%
Above Ground Durability			Class 1 Class 1 Class 1

**RTO - minimum order run - 600l/m

COLOURS



Blackbutt



Cumaru

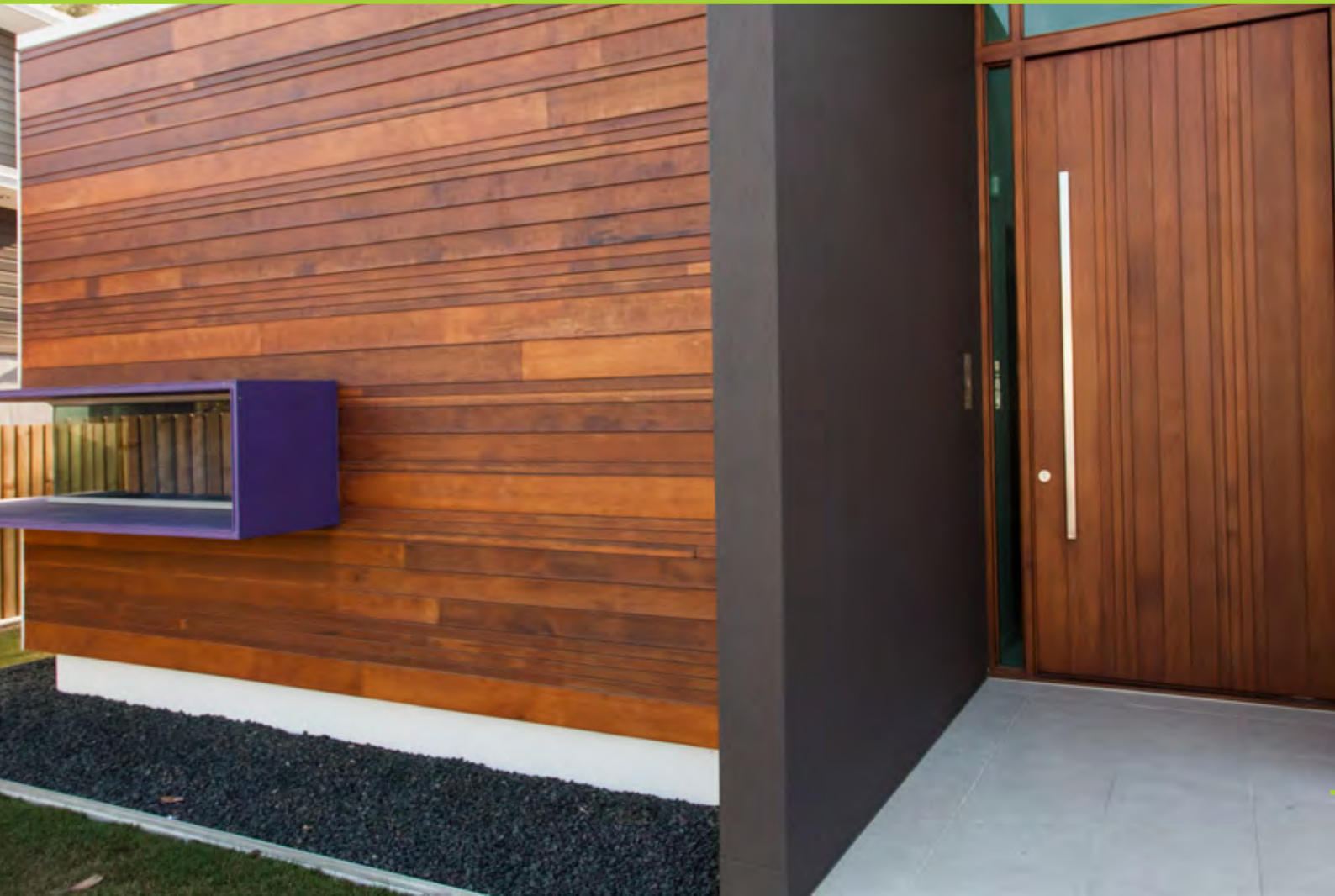


Ironbark



Spotted Gum

Project Profile



Modern History

Australia's oldest registered distillery was recently restored and refurbished, with a stylish new visitors centre and modern cellar door. Bringing together the handcrafted traditions of rummaking with today's new-age spirit drinkers called for a unique design for this heritage-listed icon.

Fresh Tradition

Modinex's Newport Channel Cladding in Ironbark was the ideal solution, mixing a contemporary look with beautiful timber reminiscent of rum barrels and vats. With clean lines and easy-to-use tongue and groove profiles, Newport perfectly framed the edgy box windows outside while being a distinctive backdrop for the 'historic timeline' inside.

Ageing Gracefully

With the natural properties of hardwood timber, this incredibly durable cladding was pre-finished in Cutek Clear, a penetrating oil to extend lifespan and minimise maintenance. The builder added a Cutek colourtone in burnt red, for stronger protection and to enhance the wood's rich character for years to come.



Newport Hardwood Cladding and Panelling



The complete [cladding system](#)

It's new: the exciting Newport Hardwood range of cladding and panelling now offers even more choice and convenience. It features stunning, innovative profiles in a selection of elegant and reliable hardwoods.

This natural timber cladding and panelling system comprises precision machined tongue and groove profiles, proprietary cornerstops and end trims manufactured from only the best Natural hardwoods & imported species.

Ideal for:

- Exterior architectural features
- Commercial cladding & panelling
- Interior architectural features
- Municipal design
- Residential housing
- Rainforest retreats
- Coastal locations
- Hospitality building designs

Features and Benefits



Warmth and beauty of natural timber

Adds the breathtaking beauty of timber to prestigious projects in a sleek and contemporary manner.



No substitute

The natural timber dimension gives life, depth, and warmth, for which there is no substitute when combined with steel, stone and glass.



Natural hardwoods

Produced in naturally durable Natural hardwoods.



Secret fix system

Features concealed fixing, flush fitting trims and furniture grade machining for a high quality finished result.



Combinations

Can be combined with our InStyle Decking in similar species to carry a consistent theme throughout a project.



Fire rating

Industry standard.

Species



Spotted Gum (Eucalyptus Maculata)

With a striking appearance and a high degree of natural durability and strength, Spotted Gum is ideal for a variety of structural, exterior and interior applications. It's highly valued in the design world for its back-sawn grain structure, attractive markings and vibrant colours.



Red Ironbark (Eucalyptus Sideroxylon)

Hard, hardwearing and durable, Red Ironbark can be used for a wide range of external applications, especially engineered structures and building construction materials. Colour varies from pale to rich reds and browns.



Blackbutt (Eucalyptus Pilularis)

Blackbutt is used for structural, exterior and interior applications, including cladding, internal and external flooring, decking, joinery, landscaping and furniture. Its colouring ranges from cream to pale brown, sometimes with a tinge of pink.



Cumaru (Dipteryx Odorata)

The Cumaru Hardwood (also referred to as Southern Spotty or Southern Spotted Gum) is native to the Southern Hemisphere and comes from the Dipteryx Odorata Tree. Not only is this timber incredibly strong due to its interlocked grain, but it is also exceptionally stable with its popularity quickly growing worldwide. The Cumaru lumber is recognised across the industry for its stiffness, strength, and hard finish, which enables it to be used in a variety of residential and commercial applications.



Why Newport Hardwood Cladding & Panelling?



Quality

- Our profiles are precision machined to a furniture grade finish sanding prior to applying surface finished. All timber is visually graded to our Natural Select grade which comprises a minimum 2/3 Select and maximum 1/3 standard according to AS 2796.2. We ensure the stability of our timber by kiln drying to 10-14% moisture content.



Durability

- All of our hardwoods fall into the durability class 1 above ground category according to AS 5604.
- Above-ground life expectancy greater than 40 years.
- Heartwood naturally termite resistant (applicable to H2 in AS 1604), sapwood treated to H3 specification.



Fire resistance

- Spotted Gum and Blackbutt satisfy the definition of fire retardant-treated timber as specified in AS 3959.
- If the application is considered to be extreme, contact Modinex for further advice.

To be successful with hardwoods, be sure to consider:

- Expansion on large dimensions based on moisture content from local climate and exposure to direct sunlight.
- Whether to maintain the timber colour with regular application of oil-based timber preservative, or allow the timber to weather to a soft grey colour which requires minimal maintenance.
- Junctions and abutments to other services for flashings and waterproofing. Proprietary flush fitting stops take care of most vertical joints but horizontal flashing needs to be Zinclume or similar. Modinex can assist with identifying problem areas.
- Limitation of butt joints, using Z flashing as an express joint for vertical cladding, or vertical express joints for some horizontal cladding to limit the need for large quantities of long lengths.



Tips and hints for working with timber



It's an unchangeable fact that timber moves however, if the potential for movement is calculated and considered in design and installation, most problems can be avoided.

If timber moves in installation it is always a reaction to change of circumstance and cannot be considered defective unless proven to be outside the specified moisture content range at time of delivery.

By far the most movement occurs across the width of a backsawn board.

Timber expands and contracts in width in direct proportion with an increase or decrease in moisture content due to changes in temperature and humidity.

By predicting the range of movement in a given application, you can then allow for it by: leaving room for expansion between the boards, expansion joints if necessary, choosing suitable species or changing the width of a board.

The following factors influence movement:

- Tangential shrinkage rate of the species (rate of shrinkage across the width of a backsawn board).
- Annual cycle of weather - available from internet.
- Level of exposure to sun/weather i.e. direction, overhanging eaves, shadows etc.
- Size of area to be clad
- Waterproofing and water runoff
- Weather protection in construction.

The standard profile design allows 2mm expansion and 7mm contraction which is sufficient for normal conditions. The important thing is to identify the possibility of excessive conditions and make sure these are provided for.

Modinex offers the service, on request, of calculating the maximum moisture content and hence the expansion and contraction in an area based on the information provided by the Bureau of Meteorology and the tangential shrinkage factor. Don't hesitate to discuss with us any concerns you may have on your project.

Note: Modinex can only offer advice and cannot accept liability for on-site reactions.



Further product information and downloads for Newport Channel Cladding are available at [modinex.com.au](https://www.modinex.com.au)



Installation Instructions



Product Care



CAD files



Technical Information



Like what you see?

Get in touch and order your free sample today!

Phone 1800 156 455 **Email** hello@modinex.com.au

For further product information and downloads **Visit** [modinex.com.au](https://www.modinex.com.au)

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