

SHADOWCLAD®  
STRUCTURAL

Natural  
TEXTURE

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STRUCTURAL

Ultra  
TEXTURE

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Natural  
GROOVE

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## USING DARK COLOURS WITH SHADOWCLAD

Shadowclad is a natural timber-based product and will expand and contract through normal cyclic changes in environment. The details in the Shadowclad Specification and Installation Guide have been designed to allow for this.

Shadowclad is manufactured from sustainable radiata pine wood veneers and manufactured in accordance with AS/NZS2269 "Plywood Structural" and is H3 treated in accordance with AS/NZS1604.3 "Specification for preservative treatment Part 3: Plywood" as per the requirements of NZS3602 "Timber and Wood based Products for use in Building".

As part of the release of updated literature, Carter Holt Harvey Plywood Limited (CHH) have updated the information around coating selection where under section 2.8 Durability, the Specification and Literature Guide states:

The NZBC Clause B2 Acceptable Solution, B2/AS1, requires claddings to achieve a minimum structural durability level of 15 years.

Shadowclad coated with stains or paints (regardless of colour choice) will meet this requirement. However, if using dark colours (colours with an LRV of less than 50%) homeowners should expect an increased level of coating maintenance over the life of the cladding than would normally be expected where lighter colours are used.

**Using dark colours with an LRV of less than 50% and failure to adequately maintain the surface coating of the cladding increases the risk of aesthetic related issues such as face checking. For this reason, CHH Ply does not support the use of dark colours on Shadowclad exterior cladding.**

Coating selection is a personal choice for the homeowner. While CHH no longer supports the use of dark colours on Shadowclad exterior cladding, should a homeowner wish to paint their cladding with dark colours that have an LRV of less than 50%, the cladding will still meet the durability performance requirements of the NZBC.

Regardless of colour choice, Shadowclad will continue to satisfy the performance requirements of the NZBC for 15 years, provided that all of the requirements set out in the Product Technical Statement and the current Shadowclad Specification and Installation Guide are followed.