

SMART'CLAD™

Timber cladding solutions for the modern kiwi home.

PRODUCER STATEMENT

BEVELBACK | VERTICAL SHIPLAP | RUSTICATED HORIZONTAL
NAILED FIXING METHOD

OCTOBER
2021

VERSION
1.60

DESCRIPTION

Purepine Mouldings manufactures a range of treated timber cladding products from sustainable NZ Radiata Pine in compliance of NZ standards. This Producer Statement covers the following products:

The SmartClad™ Cavity and Direct Fixed **Bevelback** weatherboards are designed for use as an external wall cladding on residential and light commercial buildings, where they fall within the scope of NZ3604:2011 Timber Framed Buildings and Acceptable Solutions E2/AS1.

The SmartClad™ Cavity and Direct Fixed **Vertical Shiplap** weatherboards are external wall claddings for use on residential and light commercial buildings, where they fall within the scope of NZ3604:2011 Timber Framed Buildings and Acceptable Solutions E2/AS1.

The SmartClad™ Cavity and Direct Fixed **Rusticated Horizontal** weatherboards are external wall claddings for use on residential and light commercial buildings, where they fall within the scope of NZ3604:2011 Timber Framed Buildings and Acceptable Solutions E2/AS1.

PRODUCTS

BEVELBACK WEATHERBOARDS

BBW140 140 x 18 mm, BBW185 185 x 18 mm
Starter Boards SB140 140 x 34mm, SB185 183 x 32mm
Pre-cut Scriber SPS140 40 x 18mm, SPS185 40 x 18mm
Pre-cut Facing SPF140 88 x 34mm, SPS185 88 x 34mm

VERTICAL SHIPLAP WEATHERBOARDS

SLP135 135 x 18 mm
SLP180 180 x 18 mm

RUSTICATED HORIZONTAL WEATHERBOARDS

RWB135 135 x 18 mm
RWB180 180 x 18 mm

OTHER COMPONENTS

Box Corner Male SBCM 78 x 18mm, Female SBCF 90 x 18mm
Eaves Moulding EAV4027 40 x 27mm
Sill Block LSB6538 65 x 38mm
Internal Corner Board SISCS 40 x 40mm
Flat Soaker Galvanised FSG140/FSG185, Stainless FSS140/FSS185
Corner Soaker Galvanised CSG140/CSG185, Stainless CSS140, CSS185

All products are Kiln dried to between 8%-15% for stability and treated with organic biocides and fungicides to H3.1 level

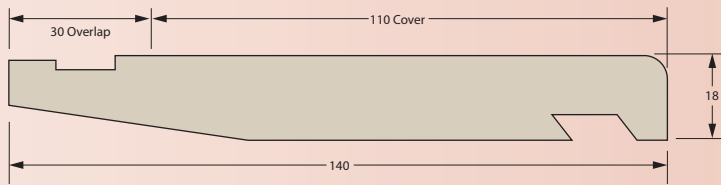


SMART'CLAD™
Timber weatherboard Solutions

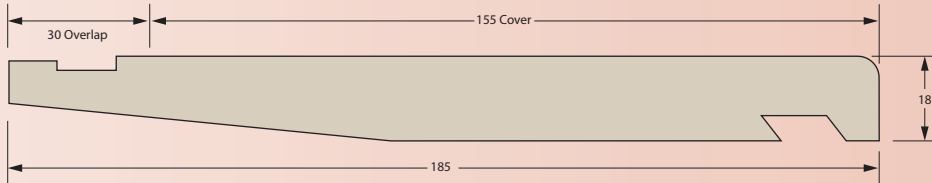
0800 768 253
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Bevelback Profiles

BBW140 Bevelback Weatherboard

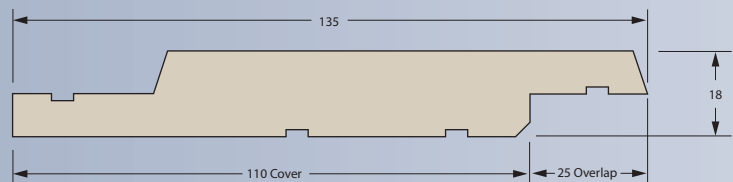


BBW185 Bevelback Weatherboard

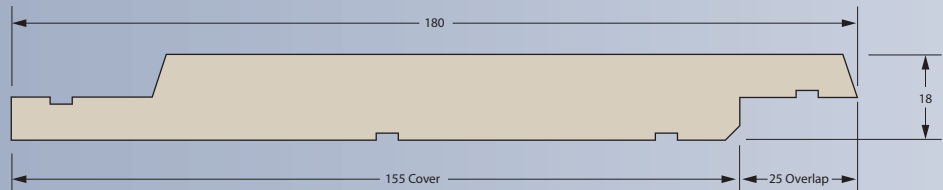


Vertical Shiplap Profiles

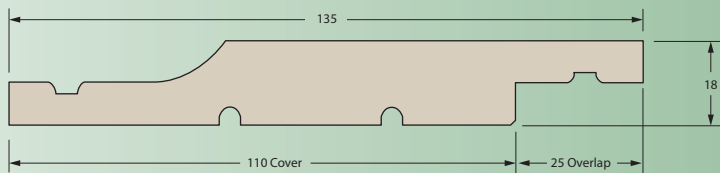
SLP135 Vertical Shiplap Weatherboard



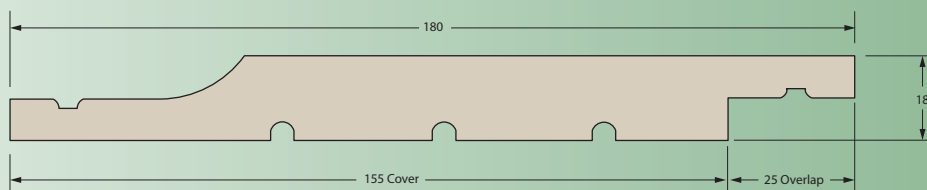
SLP180 Vertical Shiplap Weatherboard



RWB135 Rusticated Horizontal Weatherboard



RWB180 Rusticated Horizontal Weatherboard



Rusticated Horizontal Profiles

Full technical specifications and installation guidance is provided in our Smartclad Technical Manual available online.

PUREPINE MOULDINGS **PUKEPINE** SAW MILLS

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274 Jellicoe Street, Te Puke 3119,
New Zealand

FINISHING

Prior to painting the boards must be cleaned down, and any nail holes filled. The paint coating manufacturer's instructions must be followed at all times for application of the paint finish.

SmartClad™ weatherboards must be painted as soon as practicable following fixing. All coating is to be done according to coating manufacturer's instructions in a well-ventilated area. Refer to the coating/primer supplier for all matters relating to health and safety. All relevant sections of standard AS/NZS 2311:2009 (Guide to the painting of buildings) shall be adhered to.

All exposed faces, including top edges at sills and all bottom edges of SmartClad™ weatherboards and accessories must be finished with at least two coats of an exterior grade latex acrylic paint complying with any of Parts 7, 8, 9 or 10 of AS 3730.

Ensure a minimum of 150 wet microns is applied. The painting must be completed not later than 45 days after installation. More paint applied will aid the performance over time.

For our single coat primed weatherboards we recommend that an oil based undercoat is applied to give additional durability to the boards and added protection from climatic changes during the construction and painting process.

Purepine Mouldings do not recommend sealing timber weatherboard overlaps. Any use of sealant between the weatherboard laps will void any warranty of Purepine Mouldings Ltd.

FLASHINGS

Including external corner flashing, internal corner flashing, horizontal inter-storey joint flashing, sill flashing, window and door head flashing, balustrade and parapet saddle flashing and balustrade and parapet cap flashings. Refer to NZS 3604, Section 4 and NZBC Acceptable Solution E2/AS1, Table 20 for durability requirements.

AIR SEALS

A nominal 5 to 10 mm gap must be left between the joinery reveal and the framing. A PEF backing rod is inserted and the gap sealed with a self-expanding polyurethane foam or sealant, in accordance with NZBC Acceptable Solution E2/AS1 Paragraph 9.1.6.

SCOPE AND USE

Smartclad weatherboards have a minimum 15-year life service durability as required by NZS3602:2003, the life service is subject to correct installation, painting and general maintenance. Correctly installed and well maintained weatherboards should deliver a considerably longer service life.

LIMITATIONS AND CONDITIONS

1. SmartClad™ Weatherboards must be installed by a Licensed Building Practitioner to the specifications listed in SmartClad™ Technical Manuals.
2. SmartClad™ must be painted a light colour (greater than 45LRV) and maintained in accordance with SmartClad™ Technical Manual.
3. The Technical Manual is not exhaustive in its scope. Responsibility for design lies with the specifier or responsible party for the project to ensure the final design meets the requirements of the intended application and the NZBC.
4. For designs outside the scope of the technical manual, specific design must be undertaken by the architect or designer.



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NEW ZEALAND BUILDING CODE

When used in accordance with the conditions and limitations of this certificate, Purepine Mouldings Ltd SmartClad weatherboard system will comply with the following NZBC clauses;

(NZBC) Criteria	Compliance
B1 Structure	B1.3.1, B1.3.2, B1.3.3 (a, c, f, h, j, q) B1.3.4 (a-e)
B2 Durability	B2.3.1 (b & c), B2.3.2 (a)
E2 External Moisture	E2.3.2, E2.3.5
F2 Hazardous Building Materials	F2.3.1

HANDLING AND STORAGE

Ensure that Smartclad Weatherboards are kept dry at all times. Correct storage is essential to avoid exposure to direct sunlight and moisture prior to installation. Smartclad Weatherboards are double primed however this may not prevent moisture uptake if subjected to weather elements.

Storage should be indoors or under a weatherproof cover at all times with at least 150mm ground clearance. Consideration should be given to using a ground cover for extra protection. If moisture content is above 15% or if excessive moisture has caused swelling in the profile, then the product should not be installed until it returns to the original profile and moisture content is below 15%.

INSTALLATION

Full installation details and fixing guides are provided in the Smartclad Technical Manual. Refer to our website for a copy: smartclad.co.nz. For further installation not covered in our technical guide we recommend using the BRANZ technical data at https://www.branz.co.nz/cms_display.php?sn=239.

MANUFACTURING

Purepine's Smartclad weatherboards are manufactured in New Zealand using plantation grown New Zealand Radiata Pine. The manufacturing process of our weatherboards is subjected to frequent Quality Checks to ensure compliance with all relevant standards. Our manufacturing processes are independently audited by AsureQuality (www.asurequality.com) against all relevant industry standards and in compliance with the AsureQuality Engineered Wood Products Programme and AsureQuality Timber Treatment Programme. This ensures Purepine's weatherboards comply with:

- NZS 3617:1979 Specification for profiles of weatherboards, and BRANZ Bulletin 411.
- AS/NZS 1491:1996 Finger jointed structural timber.
- NZS 3640:2003 Chemical treatment of timber.

MAINTENANCE AND WARRANTY

SmartClad must be maintained strictly as recommended by the SmartClad Technical Manual.

Smartclad Weatherboards carry a warranty for a period of 15 years from the Date of Purchase. Full terms and conditions can be found in the Smartclad Technical Manual. Purepine warrants that SmartClad will be:

- free from manufacturing and production defects;
- resistant to cracking;*
- resistant to rotting;*
- resistant to damage from borer attacks;* and
- resistant to damage from termite attacks. *

* Note: "Resistant" means resistant to the extent set out in the SmartClad product literature at the time of installation.

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Manufactured by
PUREPINE MOULDINGS **PUKEPINE SAW MILLS**

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