



PRODUCT WARRANTY

DENDRO Clear H3 is Southern Pine's premium architectural range of solid, clear weatherboards. Manufactured from high-quality, pruned New Zealand Radiata Pine and factory-finished with WOCA stains.

Southern Pine Products Ltd (SPP) warrants to replace and/or compensate for defective product or substantial product failure, subject to the sole discretion of SPP and the terms outlined below.

To initiate a valid warranty claim, the claimant must provide:

- Proof that the product was manufactured or supplied by Southern Pine Products and has failed or is substantially unfit for purpose.
- Timely written notification of the failure (within 30 days of the fault becoming apparent).
- Compliance Documentation: Evidence that the product has been stored, installed, and maintained strictly in accordance with Southern Pine Products' technical instructions and the WOCA Maintenance Programme detailed below. This includes verifying that the building work was completed by a Licensed Building Practitioner (LBP).

Warranty is limited to replacement of product or cost value of product at SPP sole discretion and does not extend to any labour or consequential damage caused to other product. Such replacement will be considered full and final compensation.

Cladding and exterior products must be installed by a qualified builder (LBP).

Limitation of Liability

Liability under this warranty is strictly limited to the replacement of the product or the cost value of the product at the sole discretion of Southern Pine Products Ltd.

This warranty does not extend to any labour costs, re-installation expenses, or consequential damage caused to other products or structures.

Such replacement or financial compensation will be considered full and final settlement.

H3 Treated DENDRO Clear

25 Year Limited Product Warranty

Warranty Inclusions

This warranty covers Southern Pine DENDRO products against:

- Product decay or rot.
- Product splitting or checking (product failure not caused by the exclusions below).
- Gross manufacturing defects or incorrect profiling (excluding minor variations).

Warranty Exclusions

This warranty does not cover product failure resulting from:

- **Incorrect Handling & Installation:** Evidence of improper storage (e.g., product exposed to moisture prior to installation), failure to properly seal cut ends during installation, or incorrect fixing of weatherboards.
- **System Failure:** Failure to use the mandatory Cavity Fix system required for this range.
- **Inappropriate Application:** Product use that is inconsistent with best practice, such as placing this H3-treated product in direct contact with the ground.
- **Stain & Colour Restrictions:** Use of unapproved coatings, or dark stain colours with a Light Reflectance Value (LRV) of less than 45% (which can cause excessive thermal movement, warping, or resin bleed).
- **Neglected Maintenance:** Failure to adhere to the mandatory 12-month cleaning regime or execute re-staining within the specified environmental tiers.
- **External Factors:** Product impacted by natural disasters, fair wear and tear relative to age/exposure, or physical damage caused after delivery.

WEATHERBOARD PROFILES AVAILABLE

SPP Code	Profile Description
135 x 18 W/Board Rustic BSF #2 H3 & Stained	PC2TSWBRBS13518
180 x 18 W/Board Rustic BSF #2 H3 & Stained	PC2TSWBRBS18018
140 x 20 W/Board Shiplap Sq BSF #2 H3 & Stained	PC2TSWBSBS14020
180 x 18 Grooved Board BSF C2 H3 & Stained	PC2TSGBRDBS18018
65 x 18 Grooved Batten BSF C2 H3 & Stained	PC2TSGBRDBS06518



STAIN COLOUR OPTIONS

Greys & Neutrals	Natural Wood Tones
• White *8% • Grey • Walnut Grey • Theadora Grey	• Tussock • Teak

These stain colours have been developed and tested to ensure optimal protection for your shiplap vertical cladding system. They reflect sunlight and support long-term product performance when the cladding is cared for in accordance with the instructions in this document. Please be advised that any re-application must comply with an LRV of 45% or greater.

Product Overview: DENDRO Clear H3 is Southern Pine Products' premium architectural cladding range manufactured from high-quality, pruned New Zealand Radiata Pine. The timber is treated with a water-borne azole system (WBA H3), verified to H3 hazard class under AS/NZS 1604.1:2021, and engineered for use as an H3.2-equivalent in architectural, unpainted applications.

Material & Origin

Species: Pruned New Zealand Radiata Pine

Grade: Premium Clear 2 and better

Faces: Clear on three faces; minor natural defects permitted on reverse face

Treatment Classification

Treatment Type: H3 Treated, Factory-Applied Stain Timber Product

Compliance: NZTPC-approved WBA H3 treatment for stained weatherboards

Warranty: 25-year treatment warranty provided by Kop-Coat

Factory Pre-Finish

Coating System: WOCA exterior stain system

Application: Factory-applied WOCA base coat

Processing: Coating applied and cured by NorthTreat

Surface Options: Bandsawn face for optimal stain penetration and longevity

Cavity Fix System Requirement

DENDRO Clear H3 Bandsawn Cladding must utilise a Cavity Fix System.

Recommended cavity batten:

45 x 20 Vented Cavity Batten Double-Bevel Double-Castellation DG H3.2 (2.7m)

SPP Code: PFJH3VCB0452027

Handling & Storage Requirements

Handling

Unload by hand or Hiab forklift only

Do not tip from truck

Carry boards upright along their length

Protect pre-finished faces from abrasion

Storage

Keep dry at all times prior to installation

Store indoors on flat, supported surface with gluts at 1 m centres

Minimum 150 mm off ground

If stored outdoors: use groundsheet + secondary waterproof cover; allow air circulation

Avoid direct sunlight

Acclimatisation

Required moisture content at installation: 10%–16%

Acclimatisation period: approx. 3–5 days on site

Timber will expand/contract until reaching EMC (Equilibrium Moisture Content)

Dimensional Movement

Timber is hygroscopic. Expect natural expansion and contraction as the cladding adjusts to site-specific moisture conditions.

Mandatory WOCA Exterior Maintenance Programme

(Required to maintain warranty validity)

Core Maintenance Rules

Annual Wash (Non-Negotiable): Clean every 12 months using WOCA Exterior Wood Cleaner

Inspection Frequency: Every 6–12 months (spring and autumn recommended)

Re-Oil Only When Needed: Pigmented colours extend intervals; treat full walls for uniformity

Environmental Variation: Sheltered areas may require less frequent re-oiling; darker colours provide stronger UV protection

Maintenance Procedures

1. Annual Cleaning (Every 12 Months)

Dilution: WOCA Exterior Wood Cleaner at 1:2 with water

Application: Soft nylon or WOCA Silicium brush; work top-to-bottom

Scrubbing: Gentle agitation to remove contaminants and early greying

Rinse: Thorough hose rinse; **no water blasters**

Dry Time: 24–48 hours; target moisture content <17%

Assessment: If colour depth and water beading remain strong, no re-oil required

2. Re-Oiling (When Due)

Preparation: Clean and fully dry surface

Mixing: Stir WOCA Exterior Wood Oil before and during use

Application: Thin, even coat; brush or WOCA Oil Applicator; treat end grains and cut ends carefully

Back-Wipe: After max 5 minutes, remove all excess oil and pooling

Coat Count: One thin coat typically sufficient; second coat only if timber remains highly absorbent

Cure Time: 24–48 hours at approx. 20°C before cladding is exposed to heavy rain.

MAINTENANCE TIERS BY ENVIRONMENT

Environment	Typical NZ Locations	Annual Cleaning	Re-oil Frequency	Notes
High Exposure	Coastal (salt spray), north-facing full sun, high wind/rain zones, exposed upper North Island sites.	WOCA Exterior Wood Cleaner every 12 months	WOCA Exterior Wood Oil every 12–18 months	Fastest fade due to UV + salt. Check water beading closely.
Medium Exposure	Auckland & most North Island suburban, east/west facing, moderate shelter.	WOCA Exterior Wood Cleaner every 12 months	WOCA Exterior Wood Oil every 18–24 months	Most common scenario for NZ homes. Pigmented oils often hit the longer end.
Low Exposure	South Island, well-sheltered south-facing, shaded or under eaves.	WOCA Exterior Wood Cleaner every 12 months	WOCA Exterior Wood Oil every 24–36 months	Slowest wear. Still clean yearly to prevent grime and spore build-up.

Technical Support & Distribution

Southern Pine Products Ltd

Web: sppnz.co.nz

Email: info@sppnz.co.nz

Freephone: 0800 999 321

WOCA

Web: woca.co.nz

Email: hello@woca.co.nz

Phone: 09 412 2465

