

Architectural Range

AlpineClad™



Superior exterior paneling.

AlpineClad™

IPL AlpineClad gives the benefits of natural timber with the convenience of a strong, lightweight, and easily-installed panel cladding system. IPL AlpineClad has been successfully used in construction of both residential and commercial buildings for more than three decades.

At a glance

- Lightweight, strong and easy-to-install
- H3.1 treated with LOSP preservative or H3.2 CCA
- Offers diverse design possibilities for lightweight structures
- Manufactured in New Zealand for New Zealand conditions
- Interlocking shiplap system for easy, watertight installation
- Can be fixed to timber and steel framework
- Complies with NZ Building Code and E2/AS1 requirements
- Provides a long-lasting and durable external surface
- Has excellent thermal qualities
- Eco friendly. Rated as Super E0 (less than 3 ppm formaldehyde emissions)

Compliance

IPL AlpineClad is manufactured in accordance with AS/NZS 2271 Plywood Exterior. The panels are to be installed in accordance with the building design code. The Engineered Wood Products Association of Australasia (EWPAA or PAA) audits our production processes to ensure we meet the requirements of the product Standard. This third party audited, process based, quality assurance scheme meets the requirements of an ISO Type 5 system for production certificate. The EWPAA is an accredited body to JAS - ANZ under registration No. 2269.

Durability

NZ Building Code clause B2 requires claddings which do not form part of the bracing or structural element to achieve a minimum structural durability level of 15 years. IPL AlpineClad will meet this requirement when coated with stains or paints to the coating manufacturer's specifications. It is preferable to use lighter coloured stains / paints to lessen the effects of greater expansion and contraction which occurs when darker, heat absorbing shades are used.

Preservative Treatment

IPL AlpineClad is envelope treated to H3 with LOSP (H3.1) or CCA (H3.2) for exterior use but is available untreated for interior walls and ceilings. LOSP (Light Organic Solvent Preservative) doesn't discolour the panel surface and because no water is used in the treatment process panels retain uniform dimensions. Panels treated with H3.1 LOSP must be checked for residual solvent and if necessary placed in a well ventilated area to allow the solvent to disperse before painting or staining.

Fastener Types & Sizes

Nails	Direct Fix	Cavity Fix
Hot Dipped Galvanised	50 x 2.8mm	60x 2.8mm

Screws

Stainless Steel	40mm x 8g	65mm x 8g
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NOTE: Exposure Zones are detailed in NZS 3604 Section 4.

Galvanised Hot Dipped nails are acceptable for H3.1 LOSP in Zones B and C.

In Zone D Stainless Steel screws must be used. H3.2 requires Stainless Steel screws to be used in all Zones.



Technical details

Type	Sheet Size (mm)	Thickness (mm)	Ply	Grade	Surface	Groove Size (mm)	Groove Centres (mm)
1000/100	2440x1216	12	5	S	Bandsawn	6 x 8 wide	100
1000/150	2440x1216	12	5	S	Bandsawn	6 x 8 wide	150
1000/200	2440x1216	12	5	S	Bandsawn	6 x 8 wide	200
3000	2440x1216	12	5	S	Bandsawn	No Grooves	
3000 Superior	2440x1216	17	5	S	Bandsawn	No Grooves	

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Crafted on the Coast
Made for New Zealand