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Pinetrim

Installation | Finishing | Health & Safety

Hume Pine (NZ) produces Pinetrim moulding profiles from plantation-grown clear and finger jointed radiata pine which is graded, defected, kiln-dried and finger jointed prior to machining.

Pinetrim mouldings are also available pressure-treated to hazard class H3.1 and factory primer coated in untreated or H3.1.

It is important to remember that timber is a natural product and it will react to changes in climatic conditions during the life of the product. Uneven swelling, raised grain and resin bleed are generally due to varying climatic conditions. It is possible to minimise this, however, by adhering to the following recommendations.

Pinetrim Storage & Handling

As the product is kiln dried, care must be taken to make sure the product remains dry at all times during storage and delivery to site. Kiln dried timber will absorb moisture from the atmosphere, which can lead to dimensional change by expanding and contracting according to the moisture content of the product. Pinetrim must be stored on a well ventilated, level surface, on bearers at least 150mm off the ground, protected from direct sunlight and moisture.

The profiles need to be protected from moisture, excessive heat and direct sunlight. Remove the profiles from their packaging and allow them to reach EMC (Equilibrium Moisture Content) prior to installation.

Pinetrim Installation

We recommend the following methods of installation.

For 10mm thick Pinetrim mouldings use 40-50mm finishing brads so that a minimum framing penetration of 25mm is reached. When joining the profile, mitre cuts should be used and the joint must be glued using a PVA adhesive.
For 18mm thick profiles use 50-60mm finishing brads. It is important not to over fix Pinetrim mouldings and we do not recommend nailing within 20mm of the end of the profile as splitting may occur.

Pinetrim mouldings can also be fixed using contact and wall adhesives in accordance with the manufacturer's instructions.

Pinetrim Finishing

For raw or unprimed profiles, fill all nail holes with acrylic interior filler and lightly sand with 180 grit sand paper when cured. Apply one coat of oil based primer undercoat to the mouldings (as acrylic primer may cause raised grain), allow to dry, sand any high grain back to a smooth finish. Apply two to three coats of acrylic enamel, sanding lightly between coats.

For factory primer coated product, fill all nail holes with acrylic interior filler and lightly sand with 180 grit sand paper when cured. Apply two to three coats of acrylic enamel, sanding lightly between coats.

For finishing radiata pine clears profiles, fill all nail holes with a plastic wood putty and lightly sand with 280 – 320 grit sand paper. Apply first coat of clear coating according to paint manufacturer's recommendations, let it cure, lightly sand any high grain and apply a further two to three coats, sanding lightly in between.

Pinetrim Health & Safety

Health and safety precautions should be adhered to when working with all wood products. Machine tools should be fitted with dust extractors and work areas should be kept clean. If dust levels exceed Work Safe New Zealand Standards, the wearing of a dust mask (AS/NZS 1715 & AS/NZS 1716) and protective eyewear (AS/NZS 1336 & AS/NZS 1337) is recommended. Storage and work areas should be adequately ventilated.