

Installation Guide for Protim Micro Treated Wood Products

Protim Micro treated wood products have been treated to the H3 standard as described in AS/NZS1604:2021. The treated wood product durability meets all requirements for H3/H3.2 as described in NZS3640, and is intended for all uses that include exposure to weather but are out of ground contact.

Storage and Handling

Protim Micro H3 treated wood must be stored out of ground contact and preferably protected from wetting prior to installation.

Solvent odour may be noticeable from freshly treated wood. If the wood will be installed in an enclosed position, it is advisable to allow at least 4 days post-treatment drying in fillet in a well-ventilated area before installation.

Wear gloves whenever handling treated wood plus safety goggles and a dust mask if dust/flying particles are created during power tool use.

Installation

There are no unique installation requirements for wood products treated with Protim Micro. Use good building practises as outlined in NZS3602 and NZS3604 for H3/H3.2 treated wood.

Where the wood product is used in a structural application, ensure that it carries appropriate branding confirming it meets the required structural grade.

Use an End-Sealer

Properly treated wood products (including plywood) may contain areas of untreated heartwood that can be exposed when the wood is cut or drilled after treatment. To ensure the best long-term performance, it is recommended that a suitable brush-on wood preservative such as Protim Reseal Clear (or equivalent) is applied to all freshly exposed surfaces when cutting or drilling wood treated with Protim Micro.

Fasteners

Wood products treated with Protim Micro have corrosion rates on metal products that are similar to CCA pressure treated timber and untreated timber. Use either hot-dipped galvanised fasteners, or 304 stainless steel or silicone bronze in severe/coastal situations as described in NZS3602.

Painting and Staining

All plywood exterior cladding used for bracing must be protected by a well-maintained 3-coat paint coating, in accordance with the requirements of NZS3602. There is no mandatory requirement to apply a protective paint coating to Protim Micro H3 treated solid wood products, however paint protection will prolong the surface appearance of the wood and minimise dimension changes.

Where a finishing product such as primer, paint or stain is used, always check the label of the product and follow the manufacturer's instructions.

- Protim Micro treated timber can be coated with most industrial alkyd-based joinery primers once the solvent carrier has evaporated after treatment.
- To achieve a durable finish after installation, the subsequent on-site preparation and top-coating should be as recommended by the coating manufacturer.
- Certain acrylic primers are not compatible with timber treated with the solvent-based carrier used with Protim Micro. If acrylic primers are to be used, it is advisable to contact the paint supplier for specific advice before application.

Waste Disposal

Offcuts and sawdust from Protim Micro treated timber may be disposed of in landfills or burned in commercial or industrial incinerators in accordance with state and local regulations. Do not burn offcuts in domestic fires or barbecues.

Butynol Roofing Membranes

The adhesive used with such membranes may not be compatible with the solvents contained in Protim Micro-treated plywood. Seek advice from the membrane manufacturer before specifying Protim Micro-treated plywood in this application.

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1	19/01/2024	Kerry Heard