



Painting, sealing or varnishing Hyne Timber products for external applications.

Introduction

Prior to using Hyne Timber product externally, ensure that the Hyne Timber product you have selected is suitable for external use. Refer to Hyne Technical Data Sheet 6: *Hyne Timber Products in Weather Exposed (Above Ground) Applications*.

All structural Hyne Timber Products are supplied as seasoned timber; therefore, they need to be protected from moisture cycling that can occur due to:

- Exposure to direct sun and rain (including during construction).
- Contact or close exposure with moisture laden porous material (eg. concrete or masonry).
- Contact or direct exposure with hot elements (eg. fireplace).

DURING TRANSPORTATION OR DISTRIBUTION STORAGE

During transportation or storage prior to arrival at building site, Hyne Timber Products are required to be covered or wrapped. Coverings or wraps should extend to the top sides and ends of all Hyne Timber Products, as well as to the bottom of the load. All coverings or wraps need to be securely fixed by suitable fastenings that do not damage the exposed surfaces of the Hyne Timber Product and the covering or wrapping be made from opaque polyethylene or equivalent.

DURING CONSTRUCTION

This section should be read in conjunction with Hyne Technical Data Sheet 5: *On Site Handling and Protection Requirements*.

Often Hyne Timber Products are bundled together and then wrapped and delivered to site. This wrapping provide protection both during transit and at the building site. Whilst in storage at the building site a check should be carried out to see if any moisture is being trapped. If trapped moisture is observed the wrapping may be slit or loosen at the bottom of the bundle to allow draining of the water and ventilation. Failure to do this may result in checking, splitting or staining of the Hyne Timber Products.

When the Hyne Timber Products are removed from the bundle and placed in the structure, they are no longer protected. In this case new wrapping should be installed around the Hyne Timber Product. The wrapping may be slit or loosened at the bottom of the bundle to allow draining of the water and ventilation for the Hyne Timber Product.

Where Hyne Timber Products are individually wrapped, it is recommended that the wrap remain on the Hyne Timber Products during installation and whilst the building is exposed to the weather. Where wrapping maybe removed near connections, it is important to re-cover the exposed portions of the Hyne Timber Product once the connections are made.

The wrapping should remain in place as long as possible, until the Hyne Timber Product has been furnished with its permanent weather protection.

STRUCTURAL GRADE HYNE TIMBER PRODUCTS (INCLUDING HYNE LGL+, HYNE BEAMS)

- If Hyne Timber Products are installed inside a building with direct exposure to air conditioning then a sealer is required with the coating system.
- If the Hyne Timber Products are installed under the eaves and protected from direct rain and sun, it is recommended that the construction sealer be lightly sanded and a finish coat of compatible premium quality paint be applied (in accordance with paint manufacturer's specifications).
- If the Hyne Timber Products are permanently exposed to the sun or weather refer to Weather Exposed (Above Ground) Hyne Timber Products hereunder.

SELECT VISUAL GRADE HYNE GLUE-LAMINATED TIMBER PRODUCTS

- Appearance Grade A, is a grade of aesthetic appearance of the visible surfaces of the glue-laminated timber, is to be stained or varnished with a sealer or finish coats, it must be carried out in accordance with paint or coating manufacturer's specification.
- If the Hyne Timber Product is preservative treated, refer to details on Painting Preservative Treated Hyne Timber Products hereunder.

WEATHER EXPOSED (ABOVE GROUND) HYNE TIMBER PRODUCTS

Refer to Hyne Technical Data Sheet 6: *Hyne Timber Products in Weather Exposed (Above Ground) Applications*



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PAINTING HYNE TIMBER PRODUCTS (HYNE LGL+, HYNE BEAMS)

- Light paint colours are recommended in preference to darker colours.
- In humid areas where mould may grow on the paint surface, the use of a mouldicide in the paint is strongly recommended.
- Exterior semi-transparent or solid colour penetrating oil based stain or similar requires two or three coats of the stain or as recommended by the paint manufacturer.
- Water based stains and un-pigmented sealants, oil or water repellents are not recommended.
- Resin bleeding can occasionally be a problem with softwood timbers. Resin occurs naturally in softwoods and can be identified as a sticky, clear or white exudation that has a characteristic aromatic odour. It is most commonly encountered around knots or other imperfections in the wood and in places where the tree sustained damage. Paint or stain will generally be softened and may even be lifted off by a resin bleed. If resin bleed occurs the following steps are recommended:
 - Physically remove the exuded resin from the surface.
 - Allow the Hyne Timber Product to weather for a few days or until the resin bleed has ceased.
 - Seal the affected area with a suitable sealant.
 - If further information is required, refer to AS2311- The Painting of Buildings for guidelines and recommendations of painting systems.

PAINTING PRESERVATIVE TREATED HYNE TIMBER PRODUCTS

During the preservative treatment process solvents are often used to deliver the active preservative chemical. The presence of the solvent (white spirits) particularly from the LOSP treatment, may affect the drying and hardening of paints if there has been insufficient evaporation time after the treatment. Therefore these solvent needs to evaporate prior to the placement of any primer or finish coating. It is recommended that un-primed preservative treated timber be left for a minimum of 7 days before priming. Where ventilation is limited or weather conditions are cold or wet, a longer period of time is required.

Once the solvent has evaporated off then one coat of premium quality primer is to be applied to all surfaces prior to erection of Hyne Timber Product, and to any cuts or holes drilled as per the paint manufacturer's recommendations. Care is required to check that the primer is compatible with top coat paint system. Always use paint manufacturer's recommended primer.

If the first coat of primer, sealant paint or stain fails to dry or adhere within the expected time, do not proceed to any further coats until the first coat has achieved satisfactory dryness and adhesion. If the first coat fails to dry it may be necessary to strip back to bare timber and allow it to weather for another week or two.

DISCLAIMER

The recommendation and guidelines of these Hyne Technical Data Sheets are based on current information and industry practices and have been produced in good faith for the general guidance of consumers and trades people. No warranty or assurance can be given that these recommendations will suit every possible situation or particular circumstance.

Hyne accepts no responsibility for the performance in accordance with these recommendations or otherwise. If in doubt Hyne recommends that users obtain independent expert advice.

HYNE PRODUCT INFO SERVICE

Please contact the Hyne Product Information Service for any information regarding the purchasing of Hyne Timber products and their use by phoning 1300 30 4963 or by emailing info@hyne.com.au