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DeterMite® proven protection against termites.



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DeterMite® is designed specifically for application on internal timber framing to provide protection from termite and borer attack.

Determite is a water-borne timber preservative, usually applied using spray equipment in-line with the sawmill production system. This makes it a most cost effective H2F timber treatment process available.

DeterMite is a dual action preservative, repelling termites, and if the treated timber is consumed, also acts as an effective insecticide.

Six of the best reasons to specify DeterMite as your preferred dual action preservation technology option for “Blue Timber Framing”

1. Weathering and Ultra Violet

The effects of weathering and ultra violet light can be detrimental to the efficacy of some organic pesticides, breaking down the molecular structure when left exposed for extended periods of time.

DeterMite however, has high light and heat stability meaning you can rely on the system retaining its efficacy throughout the course of normal construction.

2. Repellency

DeterMite offers “repellency” as a significant part of the dual action against termite and borer including European House Borer (EHB) attack. It has been conclusively proven that termites do not like to be in contact with DeterMite. This significantly reduces any risk of termites crossing over the treated timber to find access through damaged or machined surfaces.

This significant advantage, coupled with high stability when exposed to the elements, is reflected in the requirement to only need 2mm penetration of the bifenthrin into the wood.

Other systems that rely strongly on the termites eating the timber first and dying as a consequence, along with having lower stability when exposed to the elements require a greater penetration into the wood.

Dual defense = greater performance = less preservative required.

3. Re-sealing

Resealing any treated timber where the effective preservative barrier has been removed is good building practice.

The repellency effect of DeterMite allows us to extend the limited guarantee* to include cross-cut faces left exposed, trenching either the top or bottom plates for fixing of studs and where holes are drilled to accommodate the installation of services including electrical and plumbing.

4. Water based

The advantages of treating wood with a water based preservative are obvious; there is no interference with the adhesion of glues or mastics and no slippery surfaces which means it feels and works just like untreated timber.

5. Liability

Liability is an increasing issue for builders and developers. Along with preserving your reputation for being one of the best, knowing you've chosen the best solution available will give you and your customer's confidence, especially when you're backed by Koppers Performance Chemicals - DeterMite 25 year fully transferable limited guarantee*.

6. Limited guarantee*

Koppers Performance Chemicals has developed a user friendly limited guarantee designed to make all builders, developers and home owners comfortable with their decision to specify DeterMite.

The limited guarantee is fully transferable from the first home owner to another for the life of the 25 year limited guarantee* period.

Simply retain proof of purchase and construction date for the limited guarantee to be valid.

As an added benefit, when you use any timber framing product or engineered wood such as I-Beams incorporating DeterMite technology, one guarantee covers it all!

* See separate guarantee document for more details.

Approvals and regulations

- Registered with the Australian Pesticides and Veterinary Medicines Authority (APVMA)
- Approved for in AS1604.1 (H2-F)

IMPORTANT INFORMATION

- Do not burn preserved timber.
- Wear a dust mask and goggles when cutting or sanding timber.
- Wear gloves when working with timber.
- Some preservative may migrate from the treated timber into soil/ water or may dislodge from the treated timber surface upon contact with skin. Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before re-use.
- Preserved timber should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved timber under circumstances where the preservative may become a component of food, animal feed, or beehives.
- Do not use preserved timber as mulch.
- Only preserved timber that is visibly clean and free of surface residue should be used.
- If the timber is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Disposal Recommendations: Preserved timber may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state, and local regulations.
- If you desire to apply a paint, stain, clear water repellent, or other finish to your preservative treated timber, we recommend following the manufacturer's instructions and label of the finishing product.
- Before you start, we recommend you apply the finishing product to a small exposed test area before finishing the entire project to insure it provides the intended result before proceeding.
- Mould growth can and does occur on the surface of many products, including untreated and treated timber, during prolonged surface exposure to excessive moisture conditions.

To remove mould from the treated timber surface, timber should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould.
- Projects should be designed approved and installed in accordance with federal, state and local regulation governing construction in your area.