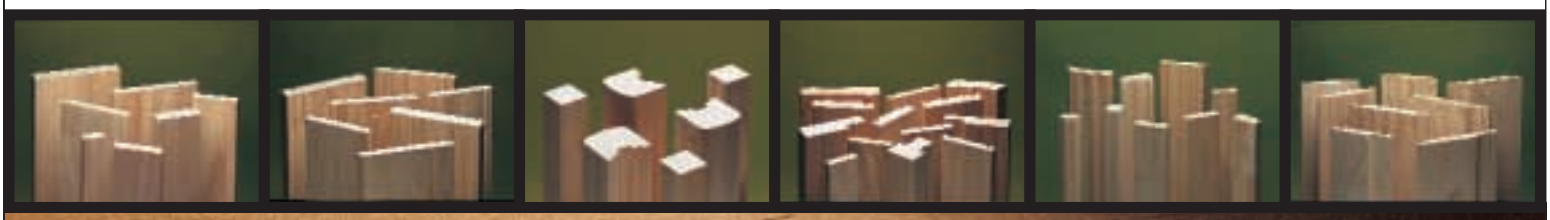
Future PROOF TAN

Treatment Information (LOSP)



JENKIN TIMBER LIMITED

TREATMENT INFORMATION (LOSP)

WHAT IS FUTUREPROOF?

FuturePROOF™ is the Jenkin Trade Name for our treatment process that uses the Koppers-Arch Vacsol® Light Organic Solvent Preservative (LOSP) system. LOSP offers up to H3 Hazard Class protection against fungal decay and insect attack.

H3 is rated for exterior products that are not in ground contact.

LOSP is an effective way of extending the service life of Tru-Pine and your own timber.

White Spirits acts as the carrier for the active ingredients, ensuring rapid and effective penetration of the active ingredients into the timber.

Unlike water-based systems, *FuturePROOF*™ does not swell timber, therefore product can be profiled and moulded prior to treatment.

LOSP HISTORY

The LOSP process has an effective treatment history in New Zealand, Australia and Europe for over 25 years.

Like all registered treatment systems *FuturePROOF*™ is subjected to rigorous monitoring and performance testing to ensure that standards and specifications are met.

ADVANTAGES OF FUTUREPROOF™ TREATMENT

- Treatment is performed on completion of all machining and profiling.
- No swelling of profiled timber.
- There is no discolouration of the wood.
- No change to product density.
- Product is safe to handle.

DOCKING / CUTTING

As with all treated timber, end sealing with two liberal coats of the Koppers-Arch *ENDSELE*, or a similar product, is recommended for all docked, notched or cut ends, or remachined surfaces prior to fixing and painting.

DISPOSAL

Off-cuts and sawdust of *FuturePROOF*™ treated timber can be disposed of through usual waste collection and disposal facilities. Off-cuts should not be burnt in barbecues or domestic fires.

WHERE DOES THE PROTECTION COME FROM?

Timber is categorised into numbered applications of hazard. In New Zealand and Australia this is referred to as *Hazard Class (H)* and in the United States as *Usage Class (UC)*. Hazard Class 3 (H3) is for applications situated out of ground where the product is exposed to weather and insects but not in ground contact.

To achieve effective protection, the active insecticide and fungicide ingredients are mixed with a solvent carrier and transported under vacuum into the timber under our *FuturePROOF*™ process.

When impregnated into the timber, the following characteristics are achieved:

- The insecticide has both insecticidal and repellent properties. Therefore insects such as termites and borer are discouraged from making contact with the treated timber.
- In the unlikely event of borer egg deposition, insect larvae would be unable to withstand the additional toxic effects of the insecticide, and perish.
- The fungicide combination inhibits the growth of fungi spores therefore preventing the development of the fungi root systems that lead to the decay of wood fibres.
- The addition of water repellent resins and waxes to an LOSP formulation reduces the amount of rainwater absorbed by the timber before it is painted, stained, or otherwise coating-protected.
- These waxes and resins reduce the general uptake of moisture by the timber in service, improving the stability of the timber by reducing the dimensional changes that would otherwise occur as water is absorbed and lost.

WHAT ARE THE APPLICATIONS OF FUTUREPROOF™ TREATED TIMBER?

- Fascia boards
- Cladding / weatherboards
- Exterior joinery
- Lattice
- Pergola trusses
- Decking
- Framing timber
- Laminated posts and beams

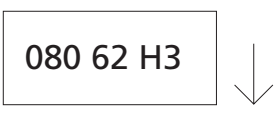
STANDARDS

The *FuturePROOF*™ Vacsol® constituent conforms to the TPAA Light Organic Solvent Preservations (LOSP) Industry Specification Number 1579; the RPAA Industry Standard 101-1979 and the Australian Standard AS 1607 Water Repellent Solutions for the Treatment of Timber & Joinery; together with MP 3640:1992 Minimum requirements of the NZ Timber Preservation Council Inc.

HOW IS FUTUREPROOF™ TREATED TIMBER IDENTIFIED?

It is a requirement of the New Zealand standard (MP 3840) that all treated timber bear a brand identification. This states the code number for the type of preservative used and the hazard level of treatment followed by the Woodmark identification, where registered.

Jenkin's *FuturePROOF*™ identification mark for an H3 treated product would read:



TIMBER PRESERVATION CONSIDERATIONS

FuturePROOF™ timber preservation used for domestic and commercial applications extends the life of timber used in situations where there is a risk of fungal and insect attack.

The performance of treated timber is dependent on the initial selection of properly graded and dried timber. Preservative treatment is not a cure-all for poor quality or low-grade timber. Inappropriate grades of timber will provide disappointing service if installed beyond their level of capability, either structurally or aesthetically.

Treated timber is not everlasting and all timber requires some form of protective coating in order to ensure that its level of service is attained. Although *FuturePROOF*™, and all other processes, protects against biological attack it does not protect against the effects of sun, wind, rain, or physical impact.

GUARANTEE

Timber Preservation *FuturePROOF*™ meets the requirements of the standards AS1604(1997) and NZ MP3640 (1992). This guarantee covers the replacement cost of any timber treated with *FuturePROOF*™ (H3) which subsequently proves to be structurally defective as a result of fungal and insect attach for a period of 25 years when used exclusively in Australia or New Zealand.

This guarantee is subject to certain terms and conditions, including

- adherence to building codes and standards
- adherence to Hazard Class practices
- adherence to docking/cutting requirements as specified.

For further details concerning terms and conditions please consult your Jenkin representative.

TECHNICAL INFORMATION

Preservatives
Fungicide – Tributyl Tin Naphthenate
Insecticide – Permethrin

Solvent Carrier
Low aromatic white spirits.

Colour
The treatment fluid is amber in colour but does not change the natural colour of the timber.

Flammability
Once dry, *FuturePROOF*™ LOSP treated timber is no more flammable than when untreated.

Odour
Once dried there will be little or no odour.

Non-leaching
The preservatives are fixed into the timber and, as they are insoluble in water, will not leach.

Weight Change / Density
There is little appreciable weight change during treatment.

Safety
When allowed to dry after treatment, LOSP treated timber will be odour-free, dry and clean to touch. No additional handling precautions are required beyond the usual safety and hygiene standards employed when using any type of timber or working with power tools.

COMPATIBILITY WITH OTHER PRODUCTS

Painting
FuturePROOF™ treated timber may be over painted with most quality oil based primers and top-coated in accordance with the paint manufacturer's instructions. Refer to the *Tru-Pine* 'Recommended Painting Specification' leaflet for more information.

Staining
FuturePROOF™ treated timber may be coated with most quality oil based stains, as per the manufacturer's instructions.

Gluing
FuturePROOF™ treated timbers can be glued with most adhesive systems as per the manufacturers' instructions. LOSP does not normally affect cured glue.

Sealants & Putties
Seal with a quality primer and follow the manufacturer's instructions.

Resin Bleed
Timber is a natural product and, as a consequence Resin Bleed may occur. To minimise the incidence of Resin Bleed, or to remedy an occurrence, please follow the instructions listed on the *Tru-Pine* Recommended Painting Specification Guide.

Metals
FuturePROOF™ has no corrosive effect on metal fastenings.

Please Note: LOSP products are preservatives and not designed for decorative purposes, therefore, natural weathering of the timber will occur unless protected by either paint or stain.

Please check with the paint, stain, or adhesive supplier, or your Jenkin representative for more information on product compatibility.

FUTUREPROOF™TREATMENT PLANT INFORMATION

Jenkin's FuturePROOF™ treatment plant treats Jenkin's own *Tru-Pine* products as well as being a significant contract H1 to H3 treatment provider.

Plant Number *080 62 H3* is registered as a Woodmark licensee in New Zealand and is registered with the Department of Primary Industries Queensland (Certificate 759) and the NSW Timber Marketing Act.