

PROTIM[®] FrameSaver[™]



- Effective control of decay fungi
- Easy application by brush, spray or roller
- Odourless, colourless, non-corrosive, non-flammable
- Diffusing action
- Remedial and/or preventative treatment

PROTIM FrameSaver[™] is a unique product designed to be applied in-situ to prevent, or stop, the effects of decay fungi in timber framing.

Easy to apply and extremely effective, PROTIM[®] FrameSaver[™] is suitable for use on above ground and weather protected interior timber framing. One of the key advantages of PROTIM FrameSaver is its ability to penetrate and effectively treat wet or dry timber after construction.

This is particularly advantageous when water damage has occurred due to problems with plumbing or weather tightness.

What is PROTIM FrameSaver?

PROTIM FrameSaver is a highly effective fungicide.

PROTIM FrameSaver will prevent fungal decay by wood destroying fungi, including those causing brown rot and soft rot, and will arrest (stop) decay already present but not yet far enough advanced to substantially weaken the structure of the wood.

PROTIM FrameSaver is a stable liquid formulation of boron plus a quaternary ammonium compound, intended for use as a preventative and/or remedial wood preservative.

The key active-ingredient in PROTIM FrameSaver is boric acid (in the form of disodium octaborate tetrahydrate) which has been used for many years as a wood preservative.

PROTIM FrameSaver is supplied in a ready for use form that requires no further mixing or dilution. The product is non-flammable, has no unpleasant odour, is non-corrosive, and can be over-painted with most paints once dry. Follow manufacturer's recommendations.

Application methods

PROTIM FrameSaver is applied to timber surfaces using a brush, roller or spray. The unique solvent in PROTIM FrameSaver delivers the active ingredients to where moisture is present and the timber is most susceptible to attack by fungi.

PROTIM FrameSaver's diffusion properties provide a means of effectively treating existing timber structures by delivering preservative protection deep into timber.

Note that PROTIM FrameSaver is highly soluble in water and will therefore be at risk of being depleted if continually exposed to wetting; under these conditions periodic inspection and re-application is strongly recommended.

Application rates

For preventative application on new timber with a thickness of 50mm or less:

One liberal coat of PROTIM FrameSaver should be applied to all timber surfaces.

For preventative application on new timber with a thickness greater than 50mm:

Two liberal coats of PROTIM FrameSaver should be applied to all timber surfaces.

For remedial application on infected timber:

All sizes: Two liberal coats of PROTIM FrameSaver.

For structural members 100mm or greater in thickness, the above measures may be insufficient to provide a suitable concentration of active ingredients for decay control. Under these circumstances additional protection should be obtained through the use of Boracol 400 Timber Preservative which can be injected into pre-drilled holes.

Handling

- PROTIM FrameSaver can irritate the eyes and skin.
- Avoid contact with eyes and skin; wear impervious gloves and eye protection.
- Do not inhale spray mist, wear an approved mask.
- Wash any exposed skin with soap and water.
- If swallowed, contact doctor or National Poisons Centre (0800 POISON or 0800 764 766), and induce vomiting if more than 15 minutes from hospital. See separate material safety data sheet for more information.



Clean up

Equipment used for application of PROTIM *FrameSaver*, and any surfaces accidentally coated, may be cleaned up with water.

Pack sizes

PROTIM *FrameSaver* is available in 20 litre plastic containers with larger 200 and 1000 litres sizes available upon request.

Transport & storage

PROTIM *FrameSaver* is not listed as a dangerous or hazardous substance. Store in original containers tightly closed in a secure location. Do not use empty containers for any other purpose. Do not allow product or used containers to contaminate waterways.

Coverage rates (per coat)

One coat of PROTIM *FrameSaver* will cover approximately 4 to 6m² per litre when applied by brush to the surface of timber; the actual coverage rate will depend on the surface roughness and absorbance of the wood. The following chart will give some assistance when calculating the volume of PROTIM *FrameSaver* required for a particular job:

| Timber size mm | Lineal metres treated per litre |
|----------------|---------------------------------|
| 70 x 35 | 19 - 29 |
| 70 x 45 | 17 - 26 |
| 90 x 35 | 16 - 24 |
| 90 x 45 | 15 - 22 |
| 140 x 45 | 11 - 16 |
| 190 x 45 | 9 - 13 |
| 240 x 45 | 7 - 11 |

Important Information

1. Job site storage - intended for interior use only - store off the ground & cover to protect from water and allow for ventilation.
2. During construction if the wood should become wet it should be allowed to dry before being covered or enclosed.
3. Do not burn preserved wood.
4. Wear a dust mask and goggles when cutting or sanding wood.
5. Wear gloves when working with wood.
6. Do not use preserved wood as mulch.
7. Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin. Wash exposed skin areas thoroughly.
8. Fasteners and other hardware must be compliant with building codes.
9. Disposal Recommendations - Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations.
10. Mould growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mould from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mould. For more information visit www.epa.gov.
11. For more information visit www.osmose.co.nz.

Note: that the presence of PROTIM *FrameSaver* may cause errors to occur when using conductivity or capacitance moisture meters.
For more information call 0800 78 70 70.