

**NATURAL TIMBER
REPAIR COMPOUND**



TIMBERPRO+[®]

Concentrate 100% Natural timber
treatment product

JV POLYMERS
innovative solution

with Delta Technologies



DESCRIPTION

TIMBERPRO+® is a unique natural concentrate designed for use over timber and wood surfaces to protect against parasite and fungus infestation, enabling timber to be protected and perform as intended by nature

As per the **TIMBERPRO®** product, **TIMBERPRO+®** in its more concentrated form provides a compound that makes wood unrecognisable to insects and fungi without the use of toxins, chemicals and hazardous materials

This unique standalone technology provides a wood preservative that allows for the future existence of insects and fungi to play their role in the nature cycle, while ensuring wood is not destroyed or affected by the formation of fungus and parasites

Based on the philosophy of acknowledging the interdependency and interconnectedness of nature, **TIMBERPRO+®** provides a wood preservative that avoids the dangers of chemical based substances, preserving timber in the most natural of processes

Composed of mineral and plant resources, **TIMBERPRO+®** works by an advanced active principle where nutrients that insects are in search of are eliminated around the peripheral surface, remaining only within the integral areas of timber at penetration depth. The treated wood no longer becomes recognisable as a food source to parasites, as the immediate parasite fighting effect lies in the way **TIMBERPRO+®** fills out the food ducts and immobilises the insects once they come into contact with it

As **TIMBERPRO+®** consists of no fungicides, insecticides or pesticides this product has no registration requirement as it is essentially a protective timber coating free of any hazardous compounds

APPEARANCE AND BENEFITS

- 100% natural, free of chemicals, biocides, insecticides and fungicides
- Protects wood against parasite and fungus infestation, insects and fire
- In the event of fire, protects wood from fire expansion and smoke development
- Provides an immediate effect for timber with existing cases of infestation from insects and fungus
- Restores timber strength
- Reverses timber rot deterioration process
- No shelf life limitations
- Can be finished over with paints, stains and oils
- Blocking effect against pollutant emissions
- Emission of toxic biocides such as Lindan from wood components can be reduced by using **TIMBERPRO+®**. Upon the application of **TIMBERPRO+®** in 2 coats and after 30 days drying, an emission reduction of approx. 50% of Lindan and DDT will be noted

RECOMMENDED USAGE

TIMBERPRO+® is suitable for commercial, industrial and residential applications

COVERAGE

- General coverage is 1Litre/6m²
- Fire protection, best results achieved using **TIMBERPRO®** in a 1 coat application, followed by 2 coats of **TIMBERPRO+®**
- Treatment of beetle, borer infestation, e.g. House Longhorn beetle: Food duct saturation - Inject **TIMBERPRO+®** into the open food ducts with the aid of an injection syringe and a long cannula Drill hole saturation – drill holes of 3mm diameter approx. 15cm apart and proceed to inject. Essential **TIMBERPRO+®** reaches the infestation
- **TIMBERPRO+®** can be applied using a brush, roller, airless spray or dipping
- Always mix well before using
- Surface texture and porosity/density may affect coverage. Applying additional coats of **TIMBERPRO+®** will not have any negative effects on timber

DRYING TIMES

Re-Coat time **2 hours**
Application of paints stains or oils (if applicable)..... **best 7 days**

Note: Drying times will vary depending on porosity of timber, type of timber and surrounding environment. Timber requiring additional sealing and wet protection should be treated approx. 7 days after **TIMBERPRO+®** or **TIMBERPRO®** is applied

PACKAGING

- 15litre pails 200litre drum

SURFACE PREPARATION

Ensure all loose damaged timber is removed. Surfaces to be treated are to be free of dust, grease, dirt, foreign matter and organic growth. Existing paints, stains and oils should be removed and sanded allowing **TIMBERPRO+®** to penetrate into the timber to enable the natural protective and restoration process. **TIMBERPRO+®** can be applied on timber that is slightly damp, but surfaces must be free of water and not contain excessive moisture. Optimum application is for **TIMBERPRO+®** to be applied on a dried timber surface.

USES

- Protective coating over indoor timber surfaces, such as roof beams, poles, structural joists, exposed wood framing etc
- Exterior timber surfaces, exposed frames, and structural timber elements
- Protecting timber and wood surfaces in the vicinity of elderly, people with allergies and respiratory problems, and children.
- Protecting timber in use near animals, e.g. bees, stables, enclosures etc
- Protecting timber in contact with storage of foods, e.g. timber crates, pallets, organic farming surfaces, timber tables
- Timber decking undersides exposed to humidity, moisture, insects etc
- External timber structures and furniture
- Treatment of timber and wood surfaces affected by parasite, insect and fungus infestation
- Wood stabilisation and solidification – **TIMBERPRO+®** replaces lost wood pulp in timber that has become weak and unsound, aiding in the prevention of demolition and restoration.
- Treatment of fruit tree outer surfaces with mould and decay problems.

PRECAUTIONS

- **TIMBERPRO®** will not enable non-structural supporting timber to become structurally supporting
- Optimum performance is the restoration of the original strength of the timber surface
- Do not apply to exterior surfaces when rain is imminent, best applied when the area will be free of rain for a minimum 4 days
- Do not apply when surface temperature is below 0°C and above 40°C
- Timber surfaces will appear stained and a wet look in the initial period of the process taking place. Exposed timber will lose the wet/gloss appearance after approx.14 days (dependent on weather conditions) before returning to a more natural appearance. Indoor timber will retain this appearance for 30-60 days but could be up to 6 months depending on the type of timber
- For treating timber rot, there will be an ongoing change of the timber appearance in the first month while the natural restoration process takes place
- Mild temporary discolouration may occur on some timbers, this will only be temporary while the **TIMBERPRO+®** repair process takes place
- Oak woods and similar timber will be discoloured by **TIMBERPRO+®** treatment and can take up to 6 months for this to return to its natural appearance
- Light timber surfaces will appear with a slight "pine coloured" seal effect
- Timber will look deeper in colour after the application
- Ensure any spillage or wet residues onto metals, glazed surfaces or plastics are immediately removed with a damp cloth/wipe to prevent staining
- Wear gloves and safety glasses before use. The **TIMBERPRO+®** is natural but is alkaline in nature while in a wet state (as per soaps and soda products), becomes neutral when dry. If in contact with eyes, flush immediately
- Wash any exposed skin that comes into contact with **TIMBERPRO+®**
- Clean tools, brushes, rollers etc with water immediately after use
- Product may appear separated after settlement inside packaging. Stir contents well and apply

TIPS

- Before commencing, the product should be tested on a typical area or surface to check appearance and application
- Before using any brushes or rollers, ensure they are dry and do not contain residues from paints, sealers or varnishes
- Application tools must be free of any other coatings or residues as these materials will negatively affect **TIMBERPRO+**®'s performance
- For optimum natural eco-friendly finish, linseed oil based paints and stains are recommended
- In the cases of severe and deep infestation of parasites, fungi, apply **TIMBERPRO+**® in 2 coats as a total after treatment coating once the injection process has been completed
- Treated wooden parts should not come in contact while drying as they will adhere together. Keep separate during the drying process
- When not in use, ensure lid is properly closed to prevent drying out
- **TIMBERPRO+**® has no shelf life and can be stored infinitely, best stored indoors

NOTES

- As **TIMBERPRO+**® is made from natural components using a patented process, the penetration of **TIMBERPRO+**® into the wood damaging fungi has immediate affect through its natural alkaline nature reacting with the typically acidic fungus organism. In the drying and subsequent crystallisation stage, fungi are destroyed through the mechanical destruction of the cellular structure.
- This may result after a few weeks in a typical whitish surface appearing on the wood surface which is a sign of the crystallisation process, reflecting the effectiveness of the treatment. This crystalline appearance can remain and dissipate naturally over time, however if intended to be removed earlier, use a spatula, grinder or blade to cut away. Oils, such as crude or boiled linseed oil, or wax applied over the crystalline affect may also cause this to remove naturally
- If applying stains, paints or sealers over the **TIMBERPRO+**® surface, it is recommended to test a small area and monitor over 48 hours to check for any adverse reactions to the desired finish before treating the total area
- It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. JV POLYMERS offers a service for pre testing adhesion to surfaces for large commercial areas or unusual substrates. For further details contact JV POLYMERS

Customer Service

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