

TECHNICAL DATA SHEET

PRO Tek Wood

Overview

PRO Tek Wood is a unique product that penetrates the core of lumber, organically reacting within the fibers to form glass-like crystals that densify, waterproof, and bug-proof the wood. PRO Tek Wood is not a surface water repellent, it acts as an internal wood protectant that prevents moisture from entering the core of the lumber.

Highlights:

- **Stops Warping, Cracking, and Splintering:** Prevents common issues with wood, ensuring longevity and durability.
- **Permanently Waterproofs:** Shields most wood types from moisture damage for a lifetime.
- **Inhibits Mold and Rot:** Protects against mold, fungal growth, and rot, keeping your wood structures safe and sound.
- **Enhances Strength:** Fortifies internal fibers to prevent moisture permeation and increase wood strength.
- **Resists Stains:** Protects against petroleum, body fluids, and food stains, maintaining a clean appearance.
- **Insect Proof:** Guards against insects, including termites, for comprehensive protection.
- **Environmentally Friendly:** Safe for plants, animals, and sea life—an eco-conscious choice.
- **Minimal Appearance Change:** Keeps wood looking natural while allowing for painting or staining.
- **Versatile Use:** Suitable for both above and below grade applications, and not affected by salt.
- **One-Time Application:** Provides long-lasting results with a single easy treatment.

Advantages:

- Provides a lifetime of protection with one easy treatment
- Permanently waterproofs most wood types
- Permanently protects new and existing wood structures from mold, rot, and insect damage
- Is environmentally friendly, non-flammable and non-toxic
- Extends the life of stains and sealers
- Prevents the grain of the wood from raising due to moisture

PRO Tek Wood will not work on plywood, particle board or dense woods such as teak. See [PRO Tek Wood literature](#) for full application instructions and uses.

Uses:

- Wood decks, handrails, and posts
- Fence posts and rails
- Wood siding and shake shingles
- Log homes
- Pole barns
- Window boxes
- Wood docks and walkways
- Window and door frames
- Outdoor furniture
- Docks and decks

Technical Data:

Estimated coverage rates One application at 200 sq. ft. per gallon

Mixing ratio

Single component. Ready to use. DO NOT DILUTE.

Shelf life

Two (2) years from date of manufacture on unopened containers. Protect from freezing and excessive heat.

Packaging

1-gallon jug / 5-gallon pail / 55-gallon drum / 275-gallon tote

Shake before use.

Application Instructions

Surface Preparation

Clean surface, remove all dirt, dust, mold, mildew, grease and oil using properly diluted [Greasy Clean](#).

If using a pressure washer, lightly clean to avoid raising the wood's grain. Remove any previous sealers, paints, or varnish. Test stains for penetrability. Moisten wood with water prior to application. PRO Tek Wood should be applied to water damp wood.

Application

1. Moisten wood with water prior to application.
2. On wood 1.5 inches in thickness or less, the application of PRO Tek Wood need only be applied to one side. For lumber thicker than 1.5 inches, all sides must have PRO Tek Wood applied.
3. For best results use a low-pressure sprayer with a fan tip, a 1" nap roller or brush can be used for precise application.
4. Apply product at 200 sq. ft. per gallon, leaving a sheen on surface of the wood for 15-20 minutes.
5. Apply additional product to areas that dull or dry during that time. After the 15-20 minutes, allow PRO Tek Wood to absorb into the wood surface.
6. Wood can be stacked while PRO Tek Wood cures, PRO Tek Wood will not cause wood to bond together.
7. On vertical surfaces, work from the bottom up. Surface will dry within 2 hours and be ready for paint or stains.
8. Protect any glass or unfinished aluminum from over spray. Clean overspray from aluminum or glass immediately with dry rag to prevent etching.
9. Clean tools with water.

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Product Data

Typical Physical Properties (at 78° F / 24° C)

Vehicle type	Water-based solution
Color	Clear
Flash point	None
Flammability	None
Odor	None
pH	11 at application, cures at pH 8.5
Weight per gallon	9.2 lbs. / 4.17kg
VOC	0.0
Drying time	2-3 hours

