



TWP®-WATER SERIES TOTAL WOOD PROTECTANT

TWP WS COLOR SELECTION:

WS01 Cedartone, WS02 Redwood, WS03 Dark Oak, WS20 Pecan

PRODUCT DESCRIPTION:

TWP WS is a unique combination of chemicals that enhances the natural beauty and warmth of wood. TWP WS penetrates deeply into wood without surface film build, highlighting existing grain patterns with amazing clarity and warmth. TWP WS contains water repellents which inhibit the damage caused to wood by water absorption and contains carefully selected mildewcides that inhibit the growth of mildew on the surface of the stain. The TWP WS colors contain special UV absorbing pigments which inhibit unsightly graying caused by the sun. The products are semitransparent and allow wood grain and color to show through.

APPLY PRODUCT TO A SMALL SECTION OF SURFACE TO BE COATED TO DETERMINE ACCEPTABILITY OF COLOR.

PRODUCT USES:

Perfect for exterior wood applications including decks, siding, log homes, fences, shutters, fascia and furniture.

SURFACE PREPARATION:

NEW WOOD: It is best to allow new wood 4 to 12 months of natural weathering before finish coat application. After aging, wood should be cleaned with a solution of 1 part household bleach to 1 part water. The bleached surface should be thoroughly rinsed with water; power washed and then allowed to dry a minimum of 48 hours in good drying conditions before finish coat application.

OLD WOOD: Unprotected old wood is typically various shades of gray to black due to mildew and ultraviolet light attack on the wood surface. Old wood should be cleaned with a solution of 1 part household bleach to 1 part water. The bleached surface should be thoroughly rinsed with water; power washed and then allowed to dry a minimum of 48 hours in good drying conditions before finish coat application.

SEALED WOOD: Any previously applied finish must be removed before TWP WS can be applied. Clean the surface with a solution of 1 part household bleach to 1 part water. Thoroughly rinse the bleached surface with water. Once the surface is bleached and rinsed, remove finish with an appropriate stripper following label instructions and safety precautions, by sanding with 60-80 grit sand paper or by power washing. If sanded, the surface should be thoroughly rinsed with water 2 different days after sanding. Allow wood to dry a minimum of 48 hours in good drying conditions before finish coat application.

CAUTION: Wear rubber gloves, splash goggles, and any other equipment deemed necessary for personal protection when handling bleach. To minimize damage to vegetation, spray with water before, during and after bleaching. Do not allow bleach to come in contact with aluminum windows, doors and mechanical equipment.

APPLICATION INSTRUCTIONS:

TWP WS is a penetrating system and is not designed to build a film. Only apply to properly prepared, clean, dry and absorbent bare wood. TWP WS should dry uniformly flat with no glossy areas. Only apply when the temperature is 50-85°F. Do not apply when rain is expected within 48 hours of application. Mix thoroughly before and occasionally during use. For best results, apply by brush. Can be applied using brush, applicator pad, roller or low pressure sprayer. Only apply as much material as the wood can absorb. On horizontal surfaces apply an initial coat at 300-400 sq. ft. /gal. Coat boards lengthwise maintaining a wet edge to avoid lap marks. If spraying, back brush to work material uniformly into the wood. Allow material to penetrate 10-15 minutes and then apply a second coat at 400-500 sq. ft. /gal. Typically a two coat application is adequate, but wood porosity may dictate the use of more or less TWP WS. Do not allow material to pool or puddle. Remove any liquid material that remains on the wood surface 10-15 minutes after the application of the final coat with a dry brush, roller, applicator pad or cloth. Excessive TWP WS that does not penetrate and is not removed from the surface will leave a shiny film and extend dry time. Because horizontal surfaces are subject to harsher conditions (foot traffic, standing water, deck furniture, spills etc.) than vertical surfaces, they may require more frequent maintenance coats.

***Rag Disposal- To minimize the chance of spontaneous combustion typical of natural drying oils, place rags, roller covers, etc. in water filled metal container for disposal.*

DRY TIME:

Dry time will vary greatly depending on the amount absorbed, wood species and weather conditions, but is typically 24-48 hours.

THINNING AND CLEANUP:

Do not thin. Use soap and water for equipment clean up. Dried material on equipment can be removed with mineral spirits.

WARNING:

This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes.

Protect from freezing.

PHYSICAL DATA:

Solids by Weight	27±2%
Solids by Volume	25±2%
Weight per Gallon	8.60±0.25 lb. /gal
Maximum Coating VOC	100 grams/liter



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