

technical information

#6771



WOOD-TECHNO-ST™ SEMI-TRANSPARENT WOOD & DECK STAIN SEALER

PRODUCT DESCRIPTION

WOOD-TECHNO-ST™ is a semi-transparent colored, penetrating, 100% acrylic wood and deck sealer. It effectively penetrates, seals, waterproofs and protects wood, resisting moisture penetration, and subsequent rotting and decay. It is a high technology waterborne formulation that retards the aging process (silvering) of new, unexposed fresh wood. It has excellent mildew resistance and possesses ultraviolet resisting chemicals that slow down the damaging effects of the sun's U.V. rays. It protects and beautifies wood surfaces for up to 5 years depending on atmospheric conditions and geographic region. Longevity and wear is relative to the amount of foot traffic to which the product is subjected. Periodic recoating of high traffic areas may be necessary. The ultimate combination of acrylic resin and additives form a wood finish that is soft enough to expand and contract with porous wood, yet is durable and hard enough to accommodate deck traffic. When coating begins to wear with age, prepare the surface (see surface preparation) and re-coat.

PRODUCT USES

WOOD-TECHNO-ST™ can be used on interior or exterior uncoated wood such as cedar, pine, fir, redwood, etc., and well weathered previously stained wood surfaces using proper preparation. **WOOD-TECHNO-ST™** possesses excellent adhesion and can be used over other paints, stains and coatings once compatibility has been determined by testing an area and checking after 72 hours for adhesion. **WOOD-TECHNO-ST™** is designed for use on structural lumber, wood siding, shingles, fences, doors, frames, sash, trellises, decks, pool decks, docks and spas.

SURFACE PREPARATION

For proper adhesion and penetration it is essential that the surface be properly prepared. Smooth new wood should be lightly sanded with 80 to 100 grit sandpaper to remove mill glaze. Pressure wash all other wood with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings,

mildew, dirt, grease, grime and other foreign materials. If wood is weathered and has remained dark or silver gray after pressure washing, apply a solution of 1 part chlorine and 2 parts water and scrub with a stiff brush. Pressure wash again. Pressure treated wood must be weathered, dried and aged a minimum of 6 months before coating. All surfaces must be completely dry before applying **WOOD-TECHNO-ST™**. Do not coat soaked, wet or moist wood with this product.

APPLICATION PROCEDURE

Stir well before using and occasionally stir while using this product. Do not apply when temperatures are below 45°F, or when humidity is very high. The surface must be dry and free of all moisture. Do not apply when sealer will be subjected to rain or heavy dew before it has had enough time to dry (approx. 1-2 hours). Drying time will vary from location to location depending on weather conditions. Apply using brush, roller or spray. Spread liberally enough as to penetrate porous surfaces and cracks. Feather in excess puddles and runs before sealer has dried. Sets to touch in approximately 1 hour and dries in approximately 1 to 2 hours. Wait at least 4 hours before recoating. For maximum durability, increased gloss and darkening of color, a third coat can be applied.

CLEAN UP

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

PHYSICAL PROPERTIES

FINISH: Gloss
COLOR: Semi-Transparent
DRY TIME (@77°F & 50 RH):
 TO TOUCH: 1-2 Hours
 TO RECOAT: 4 Hours
 FULL CURE: 5 to 7 Days
VEHICLE TYPE: Copolymer Emulsion
SOLIDS by WEIGHT: 27% +/- 2%
V.O.C.: N/A
GALLON WEIGHT: 8.8 lbs. +/- 0.3lb.
CONTAINER SIZES: 1-Gal, 5-Gal, 55-Gal

SPREAD RATES:

200-350 sq.ft./gal per coat

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