



ENVIRO STAIN®

TIMBER-TEC T-40

DESCRIPTION Sansin Industrial Timber-Tec is a ready to use, penetrating wood protection system, offering an effective guard against weathering, providing active UV protection during the construction phase. Sansin Timber-Tec contains solids that penetrate well, creating dimensional stability and water repellency. Sansin Timber-Tec keeps wood cleaner during the construction phase.

APPLICATIONS

The application of Sansin Timber-Tec is suggested for use on logs, timbers and wood joinery products that are subject to weathering. Sansin Timber-Tec is intended as a priming application that should be applied in one coat to clean substrates that are not in ground contact, and should be removed before stain application. Sansin Timber-Tec cannot be applied over previously finished wood.

PRODUCT BENEFITS

- Can be top coat with ENS-UV
- VOC Compliant (0 VOC)
- Environmentally sound
- User friendly
- UV protection
- Water repellent Timber-Tec
- Protection against weathering.
- Deep wood penetration
- No organic solvents
- Reduces warping, shrinking, checking, and water absorption
- Retains wood's natural color
- Non flammable
- Breathable
- Ready for application
- Clean-up with water and soap

CHARACTERISTICS

- Appearance Transparent White
- Coloring Clear
- Odor Low
- Form Liquid
- Specific Gravity 1.00
- Density 8.3 Lb/gal
- pH, (approx) 9.7
- Viscosity, Brookfield (up to, 60RPM)@20°C 5-6cPs
- Solvents..... None

- Freezing Point-1°C (31°F)
- Diluents Water
- Cleanup Soap and Water
- Drying Time (to touch) at 20°C (68°F).....
.....36 hours
- Coverage Pending to Penetration.....
..... 150-200 sq.ft/US gal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC(g/L)Actual 24
..... Regulatory 78

PACKAGING

Available in 5 US gallon containers, 50 US gallon drums and totes.

PREPARATION

- Inspect Wood surface for defects
- Cut, glue, machine and shape wood as desired, then power wash surface with minimum 2500 psi
- Where mill glaze is evident, sand entire surface and power wash lightly
- Draw knifing and adzing are effective methods of preparing logs and timber for application of Timber-Tec T-40. Ensure that application is done immediately afterwards, on the same day and out of direct sun if the wood is dry. On dry wood it is preferable to apply out of direct sunlight. On wet wood apply in direct sunlight as the finish will dry slowly, otherwise you risk washing it off if precipitation occurs.

APPLICATION METHODS

- Stir or shake before use
- Dipping
- Flood coating or roller coating (manual or automatic)
- Spraying: Hand or automated spraying and back brushing
- Brushing or rolling
- Ensure a flood application in all circumstances.
- If a second coat is desired, apply within 2 hours of the first coat being applied

WORKING PROCEDURE

- Pretest at a hidden area
- Saturate the wood surface
- Brush out any puddles and runs
- Do not apply in heat of day or direct sun
- Do not apply on surfaces warm to the touch
- Do not dilute
- Do not apply if rain or freezing temperatures are expected
- See published Directions For Use

COVERAGE

100-200 sq.ft./U.S. gallon. Coverage through saturation should be achieved. Because of the variation in porosity of wood substrates, coverage will range from 100-200 sq.ft. (9.3-18.6 sq.m.) per US gallon.

STORAGE

Store at a temperature of between +2°C and 25°C (36°F and 77°F). Keep containers tightly closed.

SAFETY See Material Safety Data Sheet

WARNING TO USERS Keep out of reach of children, if swallowed immediately drink two glasses of milk or warm water. Do not induce vomiting. Call physician immediately. Avoid contact with skin or eyes; flush with soap and water. Avoid breathing of vapor or mist. Wear a properly fitted NIOSH approved respirator.

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