



ENVIRO STAIN[®]

TIMBER-TEC C-20 & M-30

DESCRIPTION Sansin Industrial Timber-Tec is a concentrated, penetrating wood protection system, offering an effective guard against weathering and UV protection. Sansin Industrial Timber-Tec is available in two transparent formulas: # M-30, a light colored concentrate, retaining the natural light color of fresh pine, etc. and # C-20, a clear concentrate. Sansin Timber-Tec contains solids that penetrate well, creating dimensional stability and water repellency. Sansin Timber-Tec provides active UV protection “keeping” 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 pretreatment that should be applied to clean substrates that are not in ground contact. Sansin Timber-Tec can not be applied over previously finished wood.

PRODUCT BENEFITS

- Concentrated (dilute 1:1 with water)
- Environmentally Responsible
- User friendly
- UV protection
- Water repellent when properly cured
- Protection against weathering.
- Deep wood penetration
- Low VOC
- Molecularly compatible, creating a monolithic bond with the wood
- Reduces warping, shrinking, checking
- Retains wood's natural color
- Non flammable
- High in solids
- Breathable
- Can be applied on damp or green lumber
- Clean-up with water and soap

CHARACTERISTICS

- Appearance C-20Transparent (M-30 Milky)
- Coloring Standard
- Odor Low
- Form Liquid
- Specific Gravity 1.02
- Density 8.05 Lb/gal
- pH, (approx) 8.8

- Viscosity, Brookfield (up to, 60RPM)@20°C 10 cPs
- Solvents..... Low
- Freezing Point-1°C (31°F)
- Diluents Water
- Cleanup Soap and Water
- Drying Time (to touch) at 20°C (68°F)..... 6 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 Min 93/Max 95
..... Regulatory Min 314/Max 321

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. Ensure that application is done immediately afterwards, on the same day and for green logs apply in direct sun light.

LIQUID PREPARATION

- Add one part water to one part Timber-Tec (do not add Timber-Tec to Water)
- Or add Timber-Tec to basin before adding equal part water
- Mix liquid in the basin well before usage
- Remove liquid from basin when not used or seal basin tightly

APPLICATION METHODS

- Vacuum system (Pressure treating)
- 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.

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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