

Timber-Tec T-40: A ready to use, penetrating wood protection system, offering an effective guard against weathering, providing active UV protection during the construction phase. Timber-Tec T-40 helps timber dry faster than C-20 or M-30 in exposed yards, creating dimensional stability and water repellency. Timber-Tec T-40 keeps wood cleaner during the construction phase and is intended as a priming application that should be applied in one coat to clean substrates that are not in ground contact. Timber-Tec T-40 should be removed before finish application.

FEATURES

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| • Zero VOC | • Protection against weathering | • Retains woods natural color |
| • Environmentally Sound | • Deep wood penetration | • Non-flammable |
| • User friendly | • No organic solvents | • Breathable |
| • UV protection | • Reduces warping, shrinking, checking and water absorption | • Ready for application |
| • Water repellent | | • Clean-up with soap and water |

APPLICATIONS

The applications of Sansin Timber-Tec T-40 is suggested for use on logs, timbers and wood joinery products that are subject to weathering. Timber-Tec T-40 cannot be applied over previously finished wood.

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 and 50 US gallon drums and totes.

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- 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.



PRESSURE WASHING 2500 PSI



IF NECESSARY, FINISH SANDING

APPLICATION METHODS

- Stir or shake before use
- Dip or apply to all surface ends especially the channels for long term protection
- 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

COVERAGE

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





STORAGE

Store at a temperature of between +20°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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