

**Timber-Tec C-20 & M-30:** 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 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.

**FEATURES**

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

**APPLICATIONS**

The applications 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.

**CHARACTERISTICS**

- Appearance.....C-20-Transparent , M-30-Milky
- Coloring.....Standard
- Odor.....Low
- Form.....Liquid
- Specific Gravity.....1.02
- Density.....8.05 lbs/gal
- pH, (approx).....8.8
- Viscosity, Brookfield (up to, 60RPM)@20°C).....10cPs
- Freezing Point.....-10°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).....44-48

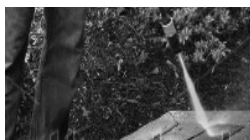
**PACKAGING**

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



PRESSURE WASHING 2500 PSI



IF NECESSARY, FINISH SANDING

**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.

**WORKING PROCEDURE**

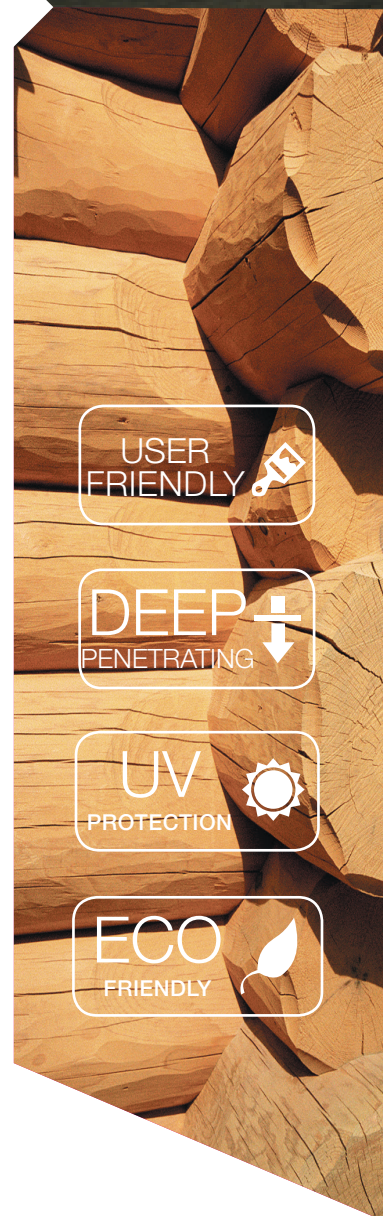
- Pretest at a hidden area
- Saturate the wood surface
- Brush out any puddles and runs
- Do not apply in heat of day or direct sun
- Do not apply on surfaces warm to the touch
- Do not dilute
- Do not apply if rain or freezing temperatures are expected

**COVERAGE**

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

**Timber-Tec™**

ENVIRO STAIN®



SANSIN®



## STORAGE

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Store at a temperature of between +20°C and 25°C (36°F and 77°F). Keep containers tightly closed.

## SAFETY

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See Material Safety Data Sheet.

## WARNING TO USERS

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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. The information contained in this document is given in good faith based on our current knowledge. The use of the product is beyond the control of The Sansin Corporation, and no guarantees, expressed or implied, are made as to the result to be obtained if not used in accordance with the published Directions for Use. The Sansin Corporation does not assume any legal responsibility for use or reliance on same. This information must on no account be used as a substitute for necessary field tests, which alone can ensure that the product is suitable for the expected use. Before using any product, read its label.

## CONDITIONS OF SALE

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The only obligation of the manufacturer and seller shall be to replace such quantity of Sansin product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. User should determine suitability of product for the intended use before application. User assumes all risk and liability in connection therewith. This warranty is expressly made in lieu of any and all other rights, warranties, conditions and remedies, express or implied, including but not limited to any implied warranty or condition of merchantability, fitness for a particular purpose, and any warranty or condition arising out of a course of dealing, a custom or usage of trade. If any distributor or seller of product offers warranties or remedies which differ from those offered by Sansin, Sansin accepts no responsibilities for such warranties or remedies.

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