

**END SEAL:** A functional and comprehensive protective water barrier to prevent moisture absorption and fast water evaporation from cross cut ends on logs, sawn lumber and cross laminated timber (CLT). By controlling moisture movement it prevents checking and end splits in hard and softwood in just one coat. It is UV resistant, water-repellent and low in VOC's, offering easy soap and water clean-up.

## FEATURES

- Environmentally friendly
- Low VOC
- Deep wood penetration; ensuring wood stability and long term protection
- Dimensional stabilization; reduces warping, shrinking and checking
- Breathable
- Repels water but does not inhibit evaporation; critical to long term stability of wood
- Keeps wetter woods from drying out too quickly, which reduces checking
- Reduces blue and sap stain
- Strong adhesion
- Reduces moisture evaporation
- Can be applied on damp wood

## IMPORTANT

Product Data Sheets are based on "ideal" work conditions. Due to wood variability and varying environmental conditions, it is strongly recommended that the end-user needs to determine that the application conditions, coating product system, and techniques are suitable to reach the desired results. Please see Conditions of Sale.

## APPLICATIONS

- Hardwood logs and lumber
- Cross Laminated Timber
- Logs and timber
- Decks
- Fences
- Fresh lumber

## PACKAGING

Available in Quarts, 1 and 5 US gallon plastic containers.

## CHARACTERISTICS

- Appearance.....Milky, Beige
- Coloring.....Standard and Custom
- Odor.....Low
- Form.....Liquid
- Specific Gravity.....0.9-0.95
- Density.....7.70-7.90
- pH, (approx.).....9.0-10.0
- Viscosity, #4 ZAHN.....22-24 Sec
- Solvents.....Low
- Freezing Point.....-1°C (31°F)
- Diluent.....Water
- Cleanup.....Soap & Water
- Drying Time (To touch) @ 20°C (68°F).....6 -12 Hours
- Drying Time (Between applications) @20°C (68°F).....24 Hours
- Typical Coverage.....200 sq/ft/US gal @ 8mil wet, depending upon surface condition of the wood
- Longer drying time needed in high humidity or low temperatures
- Keep from freezing
- VOC (g/L).....Actual range 12.0 / Regulatory range 23.0

## PREPARATION

- Apply to fresh cut ends or;
- Inspect wood surfaces for defects.
- Power wash the entire surface.
- Surface must be clean, free from dust, dirt, grease, wax or/and pre-existing coating.

## APPLICATION METHODS

- Brush, roller or sprayer.
- Apply only to clean wood surface.
- Apply product evenly.

## WORKING PROCEDURE

- Apply on wet logs and lumber before exposure to seasoning or kiln drying.
- Do not apply in heat of day or direct sun.
- Do not apply on wood that is warm to the touch.
- Can be applied on wood with higher moisture content; up to 25%.
- Do not apply if rain or freezing temperatures are expected.
- Apply 8-10 mils wet.
- Allow 2-12 hours dry time.
- Apply 2nd coat as desired.

## STORAGE

Store at a temperature of between + 10°C and + 30°C (50°F and 86°F). Keep containers tightly closed. DO NOT ALLOW TO FREEZE.

## SAFETY

Rags or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags or waste in a sealed water-filled metal container. 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. 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

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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ENVIRO STAIN®

