



ENVIRO STAIN®

# PRODUCT DATA SHEET



FOR WINDOWS,  
DOORS AND FURNITURE

**DESCRIPTION** Sansin ENS is an environmentally-friendly highly durable two-coat wood finish, designed for exterior vertical surfaces, siding, timber, furniture, windows and doors. It is exceptionally UV resistant, washable, low in VOC's, and non-flammable with easy soap and water clean-up. Sansin ENS provides a rich and attractive coating with exception durability and weather protection. ENS is compatible to surfaces pre-treated using SDF or Classic. ENS offers excellent adhesion characteristics and can be applied over many waterbased or alkyd products to enhance protection and beauty. For increased protection use SDF or Classic for the first coat to ensure penetrating protection.

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## APPLICATIONS

- Outdoor furniture
- Wood and fiber glass windows and doors
- Vertical exterior surfaces such as siding and log and timber substrates
- Garage doors
- Millwork

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## PRODUCT BENEFITS

- Environmentally sound
- Excellent adhesion to wood and fiber glass
- Flexible
- Two coat application.
- High solids
- Glass like finish for a premium look
- Tough durable finish
- Nano pigments ensure exceptional clarity and lasting color
- For saturated formulas and custom color use only the highest quality pigments ensuring hide and lasting rich color
- Non flammable liquid
- Exceptionally UV resistant and stable
- Water repellent
- Made in Canada

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## CHARACTERISTICS

- Form and Appearance .....Milky Liquid
- Appearance on wood ..... Satin
- Coloring ..... Standard
- Odor ..... Low

- Specific Gravity (g/cm3)..... 1.00-1.03
- Density (lbs/gall) .....8.3-8.4
- pH ..... 8.8
- Viscosity, #2 Zahn Cup..... 60-70 sec
- For spray applications reduce with up to 5% water
- Solvents ..... Low
- Solid Content ..... 40% +/-1%
- Freezing Point.....-1°C (31°F)
- Diluent..... Water
- Cleanup..... Soap & Water
- Drying Time ( To touch ) @ 20°C (68°F) ..  
..... 40 Minutes
- Drying Time( Between applications ) @20°C (38°F) ..... 4 hours
- Wet Film Thickness...3-4 Wet Mils/USgal
- Coverage ..... 400sq/ft/USgal
- Longer drying time needed in high humidity or @ low temperature
- VOC (g/L).....Actual – 66  
Regulatory – 152

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## PACKAGING

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

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## FORMULAS

Sansin ENS is available in pigmented and Clear Base formulas; use ENS-0 Base to dilute a color for maintenance applications.

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## COLORS

Available in the complete Sansin color offering as well as architectural custom colors.

Color	Grain Visibility, hide, definition, augmentation	Finish
Naturals	Transparent	Satin High luster
Translucent	Semi Transparent	Satin High luster
Saturated	Solid Hide	Satin High luster

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## TINTABLE BASES

Sansin ENS is available in two tintable bases ENS-0 for Naturals colors and ENS-2 for translucent, saturated and ultra saturated colors.

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## PREPARATION

- Inspect wood surfaces for defects
- Make necessary repairs
- Existing coating or sealant should be removed for best results
- Sand entire surface
- Surface must be clean, free from dirt, dust, grease and wax.

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## APPLICATION METHODS

- Brushing
- Flood coating
- Spraying, hand or airless spraying

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## WORKING PROCEDURE

- Stir well before and during application
- Spray application is preferred using conventional spray equipment
- Brush out any puddles and runs if necessary
- Do not overwork ENS as it is fast drying
- Do not apply in heat of day or direct sun
- Do not apply on wood that is warm to touch
- Do not apply if rain is expected or in freezing temperatures
- When using a tinted product be sure to stir well before and during application

## MAINTENANCE

Vertical surfaces require maintenance every 3-6 years. Maintenance is necessary when the surface

shows signs of wear, such as fading or erosion. Maintaining your wood on a regular basis will ensure long-lasting color retention, exceptional dimensional stabilization and effective water repellency. Periodically, clean the wood surface with a power washer or Sansin Multi-Wash to remove dirt and residue. How frequently maintenance coats are required will depend on the quality of prior preparation, quality of application and weather exposure levels. If fading or erosion is evident, prepare wood by using a power washer to lightly clean the wood surface; or use Sansin Multi-Wash. Then re-apply one maintenance coat of Sansin ENS according to instructions. Exposure, workmanship and color will affect the performance of the coating.

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## STORAGE

Shelf life when stored in ideal conditions is 3 years. Store at temperatures of between + 10°C and + 30°C (50°F and 86°F). Keep containers tightly closed.

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**SAFETY** See Material Safety Data Sheet

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## 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.

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January 2013