



ENVIRO STAIN®



FOR WINDOWS,
DOORS AND FURNITURE

DESCRIPTION Sansin ENS is an environmentally-friendly highly durable two-coat finish designed for exterior vertical surfaces, 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 excellent weather protection and durability. ENS is compatible to surfaces pre-treated using SDF or KP-11. ENS offers excellent adhesion characteristics and can be applied over many waterbase or Alkyd products to enhance protection and beauty. For increased protection use SDF or classic for the first coat to ensure penetrating protection.

APPLICATIONS

- Outdoor Furniture
- Wood and Fiber Glass Windows and Doors
- Vertical Exterior surfaces such as siding and dry log substrates
- Garage Doors
- Millwork

PRODUCT BENEFITS

- Environmentally Sound
- Excellent Adhesion to wood and Fiber glass
- Highly flexible to temperature changes causing substrate swelling and contraction
- Micro porous and breathable
- Two coat application.
- High Solids for great protection in less coats
- Glass like finish for a premium look
- Tough Durable finish
- Nano Pigments ensure exceptional clarity and lasting color
- Saturated formulas and custom color use only the highest quality pigments ensuring hide and lasting rich color, colors no talc or clays are used causing premature fading
- Non flammable liquid
- Exceptional UV Resistant and stable
- Water repellent

CHARACTERISTICS

- Form and AppearanceMilky 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, Zahn #2 25 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
- Coverage 200 sqft/ USgal
- Longer drying time needed in high humidity or @ low temperature
- VOC (g/L).....Actual – 66
Regulatory – 152

PACKAGING

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

FORMULAS

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

COLORS

Available in a 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

TINTABLE BASES

Sansin ENS is available in three tintable bases ENS-0 for Naturals colors, ENS-1 for Translucent colors, and ENS-2 for Saturated and Ultra saturated colors

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.

APPLICATION METHODS

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

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
- ◆ See Directions For Use

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

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.

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.

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