



ENVIRO STAIN®

PRODUCT DATA SHEET

Classic™ | FOR WOOD HOMES

DESCRIPTION Sansin Classic is a penetrating environmentally-friendly three-coat finish designed for exterior applications. It is UV resistant, water-repellent, low in VOC's, offering easy soap and water clean-up. Sansin Classic is engineered to penetrate wood of variable moisture content often found in log homes, providing effective UV and weather protection while allowing wood to breath. Because Sansin Classic is designed to wear gently over time, wood care involves only simple periodic cleaning and maintenance.

APPLICATIONS

- Log Homes
- Exterior wood applications where a breathable penetrating low luster non film forming finish is desired

PRODUCT BENEFITS

- Environmentally sound
- Penetrating, water Borne alkyd formula that penetrates wood even when the moisture content is as high as 25%.
- Low VOC- despite being a truly penetrating formula, actual VOC's range from 52g/l to 70g/l
- Molecularly compatible - creating a monolithic bond with the wood for long term protection
- Deep wood penetration - ensuring wood stability and long term integral protection
- Dimensional stabilization - reduces warping, shrinking, checking
- Breathable - over long term even after successive maintenance coats are applied
- Non-flammable
- Nano tints – translucent finely ground Iron Oxide pigments that provide exceptional clarity and protection.
- UV protection – Sansin coatings are designed to have high durability to UV resistance to ensure long term maintainability
- Repels water but does not inhibit evaporation – critical to long term stability of wood
- Made in Canada

CHARACTERISTICS

- Appearance..... Transparent
- Coloring Standard and Custom
- Odor Low
- Form..... Liquid
- Specific Gravity 1.00-1.04
- Density..... 8.3-8.6
- Solids Content..... 19% ± 0.5
- pH, (approx.) 8-8.5
- Viscosity, Brookfield #1, 60RPM, 20°C(68°F)..... 10-15cPs
- Solvents..... Low
- Freezing Point..... -1°C (31°F)
- Diluent Classic Clear UV or Water

- Cleanup..... Soap & Water
- Drying Time (To touch) @ 20°C (68°F) 6 -8 Hours
- Drying Time (Between applications) @20°C (68°F) 24 hours
- Wet Film Thickness..... 6 Wet Mills/USgal
- Coverage 265 sq/ft/USgal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L)..... Actual range 52 -70
Regulatory range 192 -244

PACKAGING

Available in Quarts, 1 and 5 US gallon plastic containers

FORMULAS

Sansin Classic is formulated for vertical surfaces in two formulas: Sansin Classic (19% solids content) and Sansin Classic Plus (21% solids content). The best choice for a particular application depends on the porosity and age of the wood surface. Choose Classic for less porous wood and Classic Plus for more porous wood. Classic Clear UV – Is available for adding to the base formula to reduce color intensity or as a clear top coat for maintenance applications. It is recommended to add the base color to Classic Clear UV at a minimum ratio of 1:5 to maintain color and improve UV resistance.

COLORS

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

Color	Grain visibility, hide, definition, augmentation	Finish
Naturals	Transparent	Flat Low luster
Translucent	Transparent	Flat Low luster
Saturated	Semi Transparent	Flat Low luster

TINTABLE BASES

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

PREPARATION

- Inspect wood surfaces for defects
 - Power wash the entire surface
 - Counter sink nails and repair damaged areas.
 - Sand machined or mill glazed surfaces to ensure porosity
 - Surface must be clean, free from dust, dirt, grease, wax or/and pre-existing coating
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APPLICATION METHODS

- Always flood surface to the point of saturation
 - Dipping
 - Brushing
 - Flood coating
 - Spraying; hand or automated spraying
 - For grays and whites it is recommended to mix clear UV or the base stain for the final coat to avoid yellowing
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WORKING PROCEDURE

- Saturate the wood surface
 - Brush out any puddles and runs
 - 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
 - Can be applied to wood with a high moisture content providing the surface moisture content is no higher than 25%. Allow for additional appropriate drying time between coats and otherwise in extraordinary conditions. Additional dry time is required on surfaces with a high moisture content. Ensure each coat is completely dry before proceeding to next coat.
 - When using a tinted product be sure to stir well before and during application.
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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 initial/original 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 Classic according to instructions.

STORAGE

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

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.

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