



ENVIRO STAIN®



FOR DECKS AND FENCES

DESCRIPTION Sansin Dec is a penetrating environmentally-friendly 2-coat formula designed for wood decks. Dec is ideal for cedar, pine, spruce, fir, pressure treated lumber and exotic hard woods. It is UV resistant, water-repellant, and non-flammable with easy soap and water clean-up. The modified natural oils in Sansin Dec penetrate deep into wood under the kind of variable moisture content (up to 25%) frequently found in decks. Although high in solids, Sansin Dec remains breathable and easy to maintain. Sansin Dec provides excellent UV and weather protection and will not crack, peel or blister. It's the natural solution for maintaining the beauty and integrity of your wood.

APPLICATIONS

- Horizontal wood surfaces
- Decks balconies and fences
- New and old wood
- Cedar, spruce, pine, fir, pressure treated lumber and exotic hardwoods

PRODUCT BENEFITS

- Environmentally Sound
- Penetrating water borne protection – it wont crack, peel or blister
- 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 Oxides pigments that provide exception clarity and protection
- UV protection – Sansin coatings are designed to have high durability to UV protection – resistance to ensure long term maintainability
- Repels water but does not inhibit evaporation – critical to long term stability and health of your wood

CHARACTERISTICS

- Appearance.....
- Naturals, Translucent & Saturated
- Coloring..... Standard and Custom
- Odor..... Low
- Form..... Liquid
- Specific Gravity..... 0.98-1.02
- Density..... 8.2-8.4
- Solids Content..... 14.0%± 0.5
- pH, (approx..)..... 7.5-8.5
- Viscosity, Brookfield #1, 60RPM, 20°C(68°F)..... 6-8cPs
- Solvents..... Low
- Freezing Point..... -1°C (31°F)
- Diluent..... Water
- Cleanup..... Soap & Water
- Drying Time (To Touch) @ 20°C (68°F)..... 4-6 Hours
- Drying Time(Between applications) @ 20°C (68°F)..... 24 hours
- Coverage..... 100-200 sqft/Us.gal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC(g/L)..... Actual – 39
Regulatory – 186

PACKAGING

Available in Quarts, 1, 3 and 5 US gallon plastic containers

FORMULAS

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 DEC is available in three Tint able bases Dec-0 for Naturals colors, Dec-1 for Translucent colors, and Dec-2 for Saturated and Ultra saturated colors

PREPARATION

- ◆ Inspect wood surfaces for defects
- ◆ Power wash the entire surface
- ◆ Counter sink nails and repair damaged areas.
- ◆ Sand the surface well using 60-80 grit paper and random orbital sanders.
- ◆ Surface must be clean, free from dust, dirt, grease, wax or/and existing coating.

APPLICATION METHODS

- ◆ Always flood surface to the point of saturation
- ◆ Dipping
- ◆ Brushing or
- ◆ Flood coating
- ◆ Spraying, hand or automated spraying

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 surfaces with moisture content of 25%
- ◆ Can be applied on green lumber
- ◆ Do not apply if rain or freezing temperatures is expected

- ◆ When using a tinted product be sure to stir well before and during application
- ◆ See published Directions For Use

MAINTENANCE

Horizontal surfaces require maintenance every 1-4 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 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 DEC 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 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. 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.

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