



ENVIRO STAIN*

PRODUCT DATA SHEET



FOR INTERIOR WOOD

DESCRIPTION Sansin Purity Interior Stain Zero VOC is a penetrating environmentally-friendly stain designed for Interior wood surfaces. It applies and spreads easily by spray or brush application. When spray applying colour Saturation is easily controlled in one easy step. It is UV resistant, fast drying, washable, zero VOC's, and non-flammable with easy soap and water clean-up. Sansin Purity Interior Stain is water-borne and penetrates well using finely ground colorants to provide uniform color of incomparable clarity superior to water based Acrylic Stains that sit on the surface masking the true beauty of wood. Sansin Purity Interior Stain has very low odor and applies easily, without splatter or brush marks. Its spray and drying characteristics are production friendly allowing it to be top coated quickly using Purity Floor, Glacier or Clear formulas. Use Purity Stain or Natures Oil to achieve the optimum Clarity and Character for truly beautiful wood.

APPLICATIONS

- Floors
- Wood cabinetry
- Shelves, doors
- Windows
- Ceilings
- Walls
- Furniture and other fine wood surfaces

PRODUCT BENEFITS

- Zero VOC
- Enhance character
- Rich tones
- Allows wood to breathe
- Water reducible
- Easy to apply
- Soap and water clean-up
- Environmentally Sound
- Dimensional Stabilization - Reduces warping, shrinking, checking
- Non flammable
- Microfine colorants
- Nano Tints – Translucent finely ground Iron Oxide pigments that provide exception clarity and protection
- Superior UV protection – Sansin coatings are designed to have high durability to UV resistance to ensure long term beauty

CHARACTERISTICS

- Appearance..... Transparent
- Coloring..... Standard and Custom
- Odor Low

- Form.....Thixotropic liquid
- Specific Gravity 1.00-1.02
- Density 8.3-8.4
- Solids Content.....2% +/- 0.1%
- pH, (approx.) 7.0-8.0
- Viscosity, #2 ZAHN 15-18 Sec.
- Solvents Low
- Freezing Point..... -1° (31°F)
- Diluent..... Water
- Cleanup..... Soap & Water
- Drying Time (To touch) @ 20°C (68°F) 5 Minutes
- Drying Time(to topcoat with Glacier, Floor or Clear) @ 20°C (68°F) 15 Minutes
- Coverage200-400 sqft/USgal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L).....Actual – 0
Regulatory – 0

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

FORMULAS

Purity Interior Stain is available in pigmented and clear base formulas. Use Purity Stain 0-base to dilute Purity Stain when desired.

COLORS

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

Color	Grain Visibility, hide, definition, augmentation	Finish
Naturals	Transparent	Dependant on top coat
Translucent	Transparent	Dependant on top coat
Saturated	Semi Transparent	Dependant on top coat

TINTABLE BASES

Purity Stain is available in three bases; PS-0 for Naturals, PS-1for Translucent & PS-2 for Saturated and Ultra Saturated formulas.

PREPARATION

- Proper preparation is key to a successful project
- Remove all hardware; or cover hardware that cannot be removed
- Repair any defects in the surface, such as holes and cracks, using only quality, acrylic-based, tinted, wood fillers to match the color of the project. Wood filler must be allowed to dry completely prior to sanding
- Extra effort in sanding will pay off in aesthetics. Use 120-150 grit sandpaper and always sand with the grain for best results
- Remove dust particles by vacuuming and wipe with a damp cloth

APPLICATION METHODS

- Apply Sansin Purity Interior Stain by spray or by using a good quality brush or a pad applicator
- For Spray applications use HVLP or conventional spray equipment

WORKING PROCEDURE

- Test formula on an inconspicuous wood surface to ensure proper color and penetration
- Spread the stain consistently and remove excess to control color and grain raising by brush or rag
- To extend the open time of the product add up to 4 oz of Sansin extender
- Allow 15 minutes for drying in proper conditions when the temperature is 70°F (21°C) and the relative humidity is no higher than 50%.
- For deeper color, a second coat of Sansin Purity Interior Stain may be applied

- When using a tinted product be sure to stir well before and during application.
- Once the surface is completely dry, finish with Sansin Purity Interior Clear, Glacier or Floor for a protective flat, satin or gloss finish.

MAINTENANCE *For damaged or worn surfaces;* If the wood surface is exposed because of damage; decide weather to repair the complete board or spot repair; prepare the surface using a solution of Multi wash to remove contamination, allow to dry, and follow with sanding to smooth the surface appropriately, apply the appropriate Purity Stain formula by an agreeable method to tone the exposed wood and follow with the appropriate top coats to match the initial application.

For proactive maintenance coats on surfaces treated in Purity Interior Stain; Gently wash the Surface using a solution of Multi Wash and remove all contamination by any agreeable method being careful not to over wet the surface. Use clean water for a final wiping, ensure the fabric is clean. Allow the surface to dry completely. Apply maintenance coat of Purity Interior Stain using an appropriate applicator. Topcoat using the appropriate formula and follow respective directions for use.

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.

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. 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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