



ENVIRO STAIN®



FOR WOOD FLOORS

DESCRIPTION Sansin Purity Interior Floor™ is a technologically advanced waterborne polyurethane floor finish. It is UV resistant, washable, low in VOC's, high in solids and non-flammable with easy soap and water clean-up. Purity Interior Floor™ meets the highest standards for durability and scratch-resistance – perfect for any wood species, including softwoods like pine. For optimum UV protection or if a special color or toning is desired, use Sansin Purity Interior Stain™ as the first application in the desirable tone.

APPLICATIONS

- Floors
- Wood cabinetry
- Shelves
- Doors
- Windows
- Ceilings
- Walls
- Furniture
- Other fine wood surfaces

PRODUCT BENEFITS

- Water & stain resistant
- Levels well
- Gymnasium grade durability
- Environmentally friendly
- Low VOC, low odor
- Soap and water clean-up
- Scuff and scratch resistant
- Superior clarity

CHARACTERISTICS

- Appearance Hazy Pale Liquid
- Odor Mild Ammonia Odor
- Form Liquid
- Specific Gravity..... 1.05
- Density..... 8.4 Lb/gal
- Solids..... 36% +/-1
- pH, (approx.) 8.5
- Viscosity, Zahn #2 35 sec +/-1
- Freezing Point -1°C (31°F)
- Diluents..... Water
- Cleanup Soap & Water
- Drying Time (To touch) at 20°C (68°F)....
..... 30 Min

- Coverage 400-500 sq.ft./US gal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L) Actual – 67.4
..... Regulatory – 198.6

PACKAGING

Available in quarts, gallons, 5 US gallon containers, 50 US gallon drums and totes.

FORMULAS

Available in Gloss and Semi Gloss formulas. Flat also available in the Industrial Formula. To achieve the clearest possible finish use Gloss formulas for the first and second coat and the desired sheen level for the final coat. Three coats of flat (Industrial) finish may cause a frosted or cloudy appearance obscuring grain and contribute to a blotchy appearance if coating thickness is inconsistent.

COLORS

To augment grain and add color or tone to the surface use Purity interior Stain in the desired formula

Color (Stain)	Grain Visibility, hide, definition, augmentation	Finish
Naturals	Transparent	Flat Low luster
Translucent	Transparent	Flat Low luster
Saturated	Semi Transparent	Flat Low luster

TINTABLE BASES

It is best to use a penetrating stain or wiping stain like Purity Stain™ under the Purity Floor but if desired Sansin pigments can add tone to Purity Floor. The applicator should be especially careful to apply uniform coats to avoid overlap when using Tinted Purity Floor

PREPARATION

- The surface must be dry and free of contaminants such as waxes, silicones, glues and dirt.
- Repair any defects using quality acrylic based wood filler. Wood filler must be allowed to completely dry prior to sanding.
- Use 120 – 150 grit sandpaper and sand with the grain.
- Remove dust particles by vacuuming and wipe with a damp cloth.

APPLICATION METHODS

- Apply by any agreeable method, spray, brush pad or lambs wool applicator
- For Spray application use conventional or air assist airless, high sheer pumps and contamination can cause cratering or other surface issues, equipment should be qualified before commercially applying

WORKING PROCEDURE

- Test formula on an inconspicuous wood surface to ensure proper results
- Apply the first coat (3-4 mils or 75-100 g/sq M) of Sansin Purity Floor by spray, brush, pad or lambs wool applicator.
- Spread the finish evenly. Allow 4 hours dry time.
- Sand the first coat with 320 grit sandpaper and remove the sanding dust.
- Apply a second coat of Sansin Purity Floor (3-4 mils or 75-100 g/sq M).
- For optimum results a third coat is recommended.
- Allow a minimum of 4 hours dry time of the second coat and sand the second coat with 320 grit sandpaper removing the sanding dust.
- Allow a minimum of 24 hours drying time before light traffic and up to 7 days before heavy traffic.
- DRYING: Ensure adequate air circulation. Allow a minimum of 24 hours drying time before light traffic and 3-7 days before heavy traffic.

MAINTENANCE

For damaged or worn surfaces; If the wood surface is exposed because of damage; decide

whether to repair the complete board or spot repair; prepare the surface using a solution of Multi wash to remove contamination, allow to dry, follow with sanding to smooth the surface appropriately, apply the same coating schedule to match the initial application.

For proactive maintenance coats on surfaces treated in Purity Interior Floor; 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. Sand using 320 grit sand paper. Apply the maintenance coat of Purity Interior Floor using an appropriate applicator.

See directions for further details

STORAGE Shelf life when stored in ideal conditions is 18 months. 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. The information contained in this document is given in good faith based on our current knowledge. The use of this 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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