

# Purity Stain Gel: An ultra low VOC penetrating wiping stain for wood interiors. Penetrates slowly for additional working time and color control. Provides uniform color and applies easily. Environmentally-friendly, easy soap and water clean-up.

## FEATURES

- Enhances wood character
- Rich tones
- Allows wood to breathe
- Water reducible
- Easy to apply
- Soap and water clean-up
- Ultra low VOC
- Uniform Color
- Microfine colorants; that provide exceptional clarity and protection
- Superior UV protection

## IMPORTANT

Product Data Sheets are based on "ideal" work conditions. Due to wood variability and varying environmental conditions, it is strongly recommended that the end-user needs to determine that the application conditions, coating product system, and techniques are suitable to reach the desired results. Please see Conditions of Sale.

## APPLICATIONS

- Floors.
- Wood cabinetry.
- Shelves.
- Doors.
- Windows.
- Ceilings.
- Walls.
- Furniture and other fine wood surfaces.

## COLORS

Available in 16 wood tones and custom colors. Matching services available at Sansin Microfine Interior Dealers and through the Factory Color Laboratory.

## TINTABLE BASES

Purity Interior Stain Gel is available in two bases; Gel Base-1 and Gel Base-2. Sansin's Microfine colorant system provides for a variety of rich color options for interior applications. These colorants have ultra high transparency and brilliance, and the particle size of the Microfines is so incredibly small that they penetrate wood as evenly as a dye – but without the toxic chemicals typically associated with dyes.

## CHARACTERISTICS - Base 1

- Appearance.....Transparent
- Coloring.....Standard and Custom
- Odor.....Low
- Form.....Thixotropic Liquid
- Specific Gravity.....1.00-1.02
- Density.....8.3-8.4
- pH, (approx.).....7.0-8.0
- Viscosity, #5 ZAHN.....12 Sec.
- Solvents.....Low
- Freezing Point.....-1°C (31°F)
- Diluent.....Water
- Cleanup.....Soap & Water
- Drying Time (to touch) @ 20°C (68°F).....5-10 Minutes
- Drying Time (to topcoat with Glacier, Floor or Clear) @ 20°C (68°F).....20 - 30 Minutes

- Wet Film Thickness.....4-5 Wet Mills or 100-125 Microns
- Coverage.....320-400sq.ft./US Gal
- Longer dry time needed in high humidity or low temp.
- Keep from freezing
- VOC (g/L).....<10 g/L

## PACKAGING

8 oz, Quarts, and 1 US Gallon containers.

## PREPARATION

### PREPARATION IS KEY TO A SUCCESSFUL PROJECT

#### For New Wood Application:

- Remove all hardware or cover hardware that cannot be removed.
- Surface must be dry and free of contaminants such as waxes, silicones, glues and dirt.
- Do not use steel wool or anything that may leave iron particulate on the wood surface.
- 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 damp cloth.
- Test formula on an inconspicuous wood surface to ensure proper color and penetration.

#### For Previously Finished Wood Surfaces: Purity Stain can be applied over various solvent and water based products by following these steps:

- Ensure surface is completely clean, dry and free from contamination.
- Light sanding may be considered for smoothing and improved adhesion.
- Remove all sanding dust and contaminants.
- Test apply a sample of product to ensure adequate leveling, drying and adhesion characteristics.
- Proceed with application of product.



SANDING #120-#150 GRIT  
WITH THE GRAIN



APPLY WITH RAG, GOOD  
QUALITY BRUSH OR PAD  
APPLICATOR

*Gel Stain*™ PURITY® INTERIOR  
ENVIRO STAIN®



1-2  
COATS

ULTRA LOW  
VOC

DEEP  
PENETRATING



SANSIN®



## APPLICATION

- Apply a wet coat of Purity Interior Satin Gel by rag or by using a good quality china bristle brush or a pad applicator.
- Spread the finish evenly. Remove excess stain with a clean rag.

## 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.
- Allow 15 minutes for drying in proper conditions when the temperature is 70°F (21°C) and the relative humidity is higher than 50%.
- For deeper color, request a stronger formula from your dealer
- 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 surface:  
If the wood surface is exposed because of damage; decide whether to repair the complete board or spot repair; sand 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.  
See directions of appropriate topical formula 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

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 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.

## CONDITIONS OF SALE

The only obligation of the manufacturer and seller shall be to replace such quantity of Sansin product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. User should determine suitability of product for the intended use before application. User assumes all risk and liability in connection therewith. This warranty is expressly made in lieu of any and all other rights, warranties, conditions and remedies, express or implied, including but not limited to any implied warranty or condition of merchantability, fitness for a particular purpose, and any warranty or condition arising out of a course of dealing, a custom or usage of trade. If any distributor or seller of product offers warranties or remedies which differ from those offered by Sansin, Sansin accepts no responsibilities for such warranties or remedies.