

Purity Glacier: A crystal-clear, two-coat finish for high-wear interior surfaces such as cabinetry, walls, doors, windows and furniture. Low in VOCs, environmentally-friendly, easy soap and water clean-up. Available in Low Lustre, Satin and Gloss formulations.

FEATURES

- Excellent water resistance
- User friendly
- UV protection
- Tough film
- Non flammable
- Clean-up with water and soap
- Meets BIFMA requirements
- Meets KCMA requirements

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

- Wood cabinetry.
- Shelves.
- Doors.
- Windows.
- Ceilings.
- Walls.
- Log and timber home interiors.
- Furniture and other fine wood surfaces.

COLORS

To augment grain and add color or tone to the surface use Purity Interior Stain or Nature's Oil in the desired formula.

Color.....	Grain Visibility.....	Finish.....
Naturals	Transparent	Gloss, Satin, Low Lustre
Translucent	Transparent	Gloss, Satin, Low Lustre
Saturated	Semi Transparent	Gloss, Satin, Low Lustre

TINTABLE BASES

It is best to use a penetrating stain or wiping stain like Purity Stain or Nature's Oil under the Purity Interior Glacier topcoat. If necessary, Sansin's Nano Tints can be used to add tone to Purity Interior Glacier. The applicator should be especially careful to apply uniform coats to avoid overlap when using Tinted Purity Clear.

CHARACTERISTICS

- Appearance.....Milky Liquid
- Odor.....Mild Ammonia Odor
- Form.....Liquid
- Specific Gravity.....1.05
- Density.....8.4 Lb/gal
- pH, (approx.).....8.5
- Viscosity, Zahn #2.....30-35 sec +/-1
- Freezing Point.....-1°C (31°F)
- Diluents.....Water
- Cleanup.....Soap & Water
- Drying Time (To touch) at 20oC (68oF).....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 71 / Regulatory 198

PACKAGING

Quarts, Gallons, 5 US Gallon pails and 50 US gallon drums and totes.

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

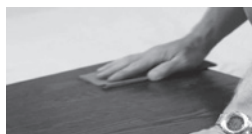
For New Wood Application:

- 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 Glacier 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 A GOOD QUALITY
BRUSH OR PAD APPLICATOR
OR BY SPRAYING

APPLICATION METHODS

- For brush application add up to 5% water to Glacier. Do not add water if spraying.
- For spray application use conventional or air assist airless, avoid high shear pumps. Contamination in pump can cause cratering or other surface issues. Equipment should be qualified before use.
- DO NOT SHAKE. Stir well before and during use.
- Apply the first coat of Purity Interior Glacier by sprayer or with a

PURITY® INTERIOR
Glacier™
ENVIRO STAIN®



2
COATS



LOW
VOC



DEEP
PENETRATING



ECO
FRIENDLY





nylon polyester brush or a pad applicator. Spread the finish evenly. Purity Glacier has excellent leveling properties; be careful not to overwork the product.

WORKING PROCEDURE

- Test formula on an inconspicuous wood surface to ensure proper results.
- Allow 1 hour of drying time in proper conditions when the temperature is between 60°-70°F (15°-20°C) and the relative humidity is no higher than 70%.
- If necessary, after the surface is completely dry, sand lightly using 220-320 grit sandpaper or a fine synthetic abrasive pad. Always sand with the direction of the grain.
- Vacuum the surface and wipe with a damp cloth to remove all dust particles.
- Apply the second coat of Sansin Purity Interior Glacier.
- For additional protection or gloss, a third coat may be applied after 24 hours.

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 Glacier: 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. If necessary sand using 220-320 grit paper. Apply a maintenance coat of Purity Interior Glacier using an appropriate applicator. See directions of use 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 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.

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.

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