APPLICATION OVERVIEW

Purity Clear: A beautiful 2 coat interior clear finish meant to intensify the grain and deepen wood's natural color (anfeuerung) on windows, walls, furniture and other wood surfaces. Available in Gloss, Satin, Low Lustre and Extra Low Lustre. Low in VOC's, environmentally friendly, easy soap and water clean-up.

FEATURES

- Breathable (Interior)
- Environmentally Sound
- Fast drying
- Low VOC
- Non Flammable
- Enhances woods character
- Water repellent
- Penetrates the wood surface
- UV Resistant
- Low odor

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

- Log and timber framed walls.
- Shelves.
- Windows.
- Ceilings.
- Cabinetry.
- Doors.
- Furniture.

COLORS

To augment grain and add color to the surface, apply Purity Interior Stain or Gel in the desired color as the first coat. Purity Stain is easy to apply consistently without overlap.

Sansin's microfine tints can also be added directly to Purity Interior Clear for shading or coloring. The applicator should be especially careful to apply uniform coats to avoid overlap when using Tinted Purity Interior Clear.

For optimal clarity & resolution Purity Clear Gloss should be used as the intermediate coat when using Satin, Low or Extra Low Luster as the final coat.

Available lusters: Gloss, Satin, Low Luster, and Extra Low Luster.

CHARACTERISTICS

- Appearance.....Transparent
- Coloring.....Clear, Slight Tanning
- Odor.....Low
- Form.....Liquid
- Specific Gravity.....1.00-1.03
- Density.....8.3-8.4
- pH, (approx.).....8.8-9.0
- Viscosity, ZAHN #3 Cup, 20°C (68°F).....15-20 Sec.
- Solvents.....Low
- Freezing Point.....-1°C (31°F)
- Diluent.....Water
- Cleanup.....Soap & Water
- Dry Time (to touch) @ 20°C (68°F).....4 Hrs
- Dry Time (Between applications) @ 20°C (68°F).....4 Hrs
- Coverage Pending to Penetration.....300-500 sq. ft/USgal
- Longer drying time needed in high humidity or low temp
- Keep from freezing
- VOC (g/L).....Actual 33/Regulatory 82

PACKAGING

Quarts, Gallons, and 5-Gallon pails.

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.

APPLICATION

- Apply the first coat of Sansin Purity Interior Clear by sprayer or with a nylon polyester brush or pad applicator. Spread the finish evenly. Purity Clear has excellent leveling properties; be careful not to overwork the product.
- For spray application use conventional or air assist airless, avoid high sheer pumps. Contamination in pump can cause cratering or other surface issues. Equipment should be qualified before use.

WORKING PROCEDURE



SANDING #120-#150 GRIT WITH THE GRAIN



APPLY WITH A GOOD QUALITY BRUSH OR PAD APPLICATOR OR BY SPRAYING

- Test formula on an inconspicuous wood surface to ensure proper color and penetration.
- Allow 4 hours drying time in proper conditions when the temperature is between 60°F-70°F (15°C-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 Clear.
- For additional protection or gloss, a third coat may be applied after 24 hours.



SANSIN®

PURITY® INTERIOR Clear™







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 then apply the same coating schedule to match the initial application.

For proactive maintenance coats on surfaces treated with Purity Interior Clear: Gently wash the surface using a solution of Multi-Wash and remove all contamination by an agreeable method being careful not to over wet the surface. Use clean water for a final wiping ensuring that fabric is clean. Allow the surface to dry completely. If necessary sand using a 220-320 grit paper. Apply a maintenance coat of Purity Interior Clear 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 + 10ºC and + 30ºC (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.

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