

Precision Coat Door & Window: an advanced, highly durable modified waterborne polyurethane finish designed for exterior vertical surfaces, furniture, windows and doors. It is exceptionally UV resistant, washable, low in VOC's and non-flammable with easy soap and water clean-up. Sansin Precision Coat Door & Window provides a rich and attractive coating with excellent weather protection and durability. Precision Coat Door & Window is compatible to surfaces using Sansin Classic, SDF or KP-12 as the first coat.

FEATURES

- Excellent Adhesion
- Tough Durable finish
- Exceptional clarity and lasting color
- Non flammable liquid
- Saturated formulas and custom color use only the highest quality pigments ensuring hide and lasting rich color
- Exceptional UV resistance
- Water repellent
- Low VOC, low odor
- Environmentally friendly
- Soap and water clean-up

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

- Exterior & Interior Millwork
- Wood and Fiber Glass Windows and Doors
- Vertical Exterior surfaces such as siding and trim
- Garage Doors

COLORS

Available in Clear and 12 natural and transparent colors, and architectural custom colors.

FINISHES

Available in Gloss.

CHARACTERISTICS

- Viscosity, Zahn #3 30-35 sec +/- 2
- For spray applications it can be reduced with up to 5% water
- Solid Content 32% +/-0.5%
- Freezing Point -1°C (31°F)
- Keep from freezing
- Diluents Water
- Cleanup Soap & Water
- Drying Time (To touch) @ 20°C (68°F)40 Minutes
- Drying Time (Between applications) @20°C (38°F)4 hours
- Coverage 400 sq.ft./ US gal
- Longer drying time needed in high humidity or @ low temperature
- VOC (g/L) Actual – 140/Regulatory – 350

PACKAGING

Available in 1 gallon, 5 gallon drum and tote.

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- Inspect wood surfaces for defects and make any necessary repairs.
- For use on clean bare new or restored wood surfaces.
- Sand the surface well using 100 grit paper and random orbital sander.
- Follow by rinsing, vacuuming or using compressed air for proper cleaning. Surface must be clean, free from dust, dirt, grease, wax or any existing coatings.

APPLICATION METHODS

- Apply Precision Coat Door and Window to wood surfaces that are first coated with an adequately colored Sansin Classic, SDF or Precision Coat Kp-12W formula.
- Consider shading Door and Window formula for additional UV protection.
- Brush using a good quality dual purpose brush.
- Spray using hand or airless equipment with a .011-.013 tip. Set pressure to ensure desirable spray pattern.
- Avoid high sheer pumps.
- Use gloss for intermediate coats.

WORKING PROCEDURE

- Stir well before and during application.
- Spray application is preferred using air assist or airless spray equipment.
- Apply a manageable film thickness (3-4 wet mils).
- Allow to dry to touch (40 minutes @ 20°C.) Apply a second coat (3-4 wet mils). Allow to dry overnight.
- Consider finish sanding for a smooth finish and remove dust.
- Apply a third coat. Follow the above procedures. Ensure an adequate dry film thickness of 3 mils for optimum durability.
- Do not overwork Precision Coat Door & Window as it is fast drying.

Door & Window

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- Do not apply in heat of day or direct sun.
- Do not apply on wood that is warm to touch.
- Do not apply if rain is expected or in near freezing temperatures.

MAINTENANCE

Horizontal and vertical services require maintenance every 4-5 years. Maintenance is necessary when the surface shows signs of wear, such as fading or erosion. Maintaining your wood on a regular basis will ensure long-lasting color retention, exceptional dimensional stabilization and effective water repellency. Periodically, clean the wood surface with a power washer or Sansin Multi-Wash to remove dirt and residue. How frequently maintenance coats are required will depend on the quality of prior preparation, quality of application and exposure levels. If fading or erosion is evident, prepare wood by using a power washer to lightly clean the wood surface; or use Sansin Multi-Wash. Then re-apply one maintenance coat of Sansin Door & Window according to instructions. Exposure, workmanship and color will affect the performance of the coating.

STORAGE

Shelf life when stored in ideal conditions is 3 years. Store at temperatures 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.

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NOVEMBER 2020