

Dec: Durable, two-coat protection for high-wear horizontal wood surfaces like decks, docks and balconies. Provides excellent UV and weather protection and will not crack, peel or blister. Dec Topcoat provides a fuller, medium-luster finish.

FEATURES

- Environmentally-friendly
- Penetrating water-borne alkyd formula
- Low VOC
- Molecularly compatible – creates a monolithic bond with wood for long term protection
- Deep wood penetration – ensuring wood stability and long term integral protection
- Dimensional stabilization – reduces warping, shrinking, checking
- Non-flammable
- Nano Tints – translucent, finely ground iron oxide pigments provide exceptional clarity and protection
- UV protection – designed for maximum UV resistance to ensure long term maintainability
- Repels water but allows evaporation – critical to long term wood stability

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.

- Drying Time between applications @ 20°C (68°F).....6-8 Hours
- Coverage.....200-300 sq.ft./ US gal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L)Actual 44/Regulatory 172

APPLICATIONS

- Horizontal wood surfaces
- Decks, balconies and fences
- New and old wood
- Cedar, spruce, pine, fir, pressure treated lumber and exotic hardwoods

PACKAGING

Quarts, Gallons, 5-Gallon pails

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- Inspect wood surfaces for defects and make any necessary repairs.
- Use Sansin cleaner and/or wash the entire surface with a minimum



PRESSURE WASHING 3000 PSI

FINISH SANDING #60-#80 GRIT

- 3000 PSI pressure washer use clean water.
- Sand the surface well using a 60-80 grit paper and a variable speed orbital sander.
- Follow by power washing, vacuuming or using compressed air for proper cleaning. Surface must be clean, free from dust, dirt, grease, wax or any existing coatings.

COLORS

Available in the complete standard Dec color offerings as well as architectural custom colors.

Color	Grain Visibility	Finish
Naturals	Transparent	Flat Low lustr
Translucent	Transparent	Flat Low lustr
Saturated	Semi Transparent	Flat Low lustr
Ultra Saturated	Semi Transparent	Flat Low lustr

* Dec Topcoat can be used as the 2nd and 3rd coat to provide a fuller, medium-luster finish.

When applying a single coat of Dec combined with the Dec Topcoat system, ensure adequate color strength for the Natural and Translucent tones. Consider doubling the tint load of the first coat of DEC for adequate tone and protection.

TINTABLE BASES

Dec 0-base is used for Natural and Translucent tones. Dec 2-base is used for Saturated and Ultra Saturated colors. Use Dec 0-base to dilute colors in order to maintain clarity for maintenance applications up to 50%.

CHARACTERISTICS

- Appearance.....Naturals, Translucent & Saturated
- ColoringStandard & Custom
- OdorLow
- FormLiquid
- Specific Gravity0.98-1.02
- Density8.2-8.4
- pH, (approx.)8-8.5
- Viscosity, Brookfield #1, 60RPM, 20°C (68°F)6-8cPs
- SolventsLow
- Freezing Point-1°C (31°F)
- DiluentWater
- CleanupSoap & Water
- Drying Time to touch @ 20°C (68°F)4-6 Hours

APPLICATION METHODS

- Always flood the surface to the point of saturation
- Dipping
- Brushing
- Flood coating
- Spraying – hand or automated spraying (low pressure or airless)

WORKING PROCEDURE

- Stir well before and during the application process.
- Test formula on an inconspicuous wood surface to ensure proper color and penetration.
- Apply in proper conditions: Ideal temperature of 21°C (70°F) and relative humidity of approximately 50%
- Do not apply if rain or near freezing temperatures are expected.
- Apply the first coat of Dec to the point of refusal using an appropriate tint load relative to the system or number of coats being applied (see dealer for details).
- If a low luster non film forming finish is desired apply a second coat of DEC appropriately tinted to the surface, following proper drying and

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working procedures.

- If a medium luster full finish is desired apply an appropriately tinted coat of Dec Topcoat using proper application and working procedures. A third coat of Dec Topcoat may be applied for improved finish and durability.
- Saturate the wood surface.
- Brush out all puddles and runs and apply evenly.
- Do not apply on wood that is warm to touch.
- Do not apply in direct sunlight.
- Continually check the surface; wipe up all puddles and brush out runs.

MAINTENANCE

Horizontal surfaces require maintenance every 1-4 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 Dec according to instructions. Exposure, workmanship and color will affect the performance of the coating.

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. Wear a properly fitted NIOSH approved respirator. 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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