

**DEC TOPCOAT:** A highly protective, exceptionally durable finish for application as a second coat, creating a fuller finish for Dec coated surfaces. It is UV stable, water-repellent, low in VOC's, and non-flammable with easy soap and water clean-up. Dec Topcoat will not crack, peel or blister.

**FEATURES**

- Environmentally-friendly
- Non-flammable
- Breathable
- UV resistant
- Water repellent
- Monolithic bond
- UV stable
- Extends maintenance cycles

**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**

- Decks
- Siding
- Fences

**COATING SCHEDULE**

	Natural Finish	Full Finish
1st Coat	Dec	Dec
2nd Coat	Dec	Dec Topcoat
3rd Coat		Dec Topcoat

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 Topcoat can be tinted using specified formulas to enhance UV resistance or reduced formulas to adjust for clarity.

**CHARACTERISTICS**

- Appearance .....Clear or Translucent
- Coloring.....Standard and Custom
- Odor.....Low
- Form.....Liquid
- Specific Gravity.....1.02-1.04
- Density.....8.5-8.7
- pH (approx).....8.8-9.0
- Viscosity, #3 ZAHN Cup, 20°C (68°F).....30-35 sec
- Solvents.....Low
- Freezing Point.....-1°C (31°F)
- Diluent.....Water
- Cleanup.....Soap and Water
- Drying time (to touch) @ 20°C (68°F).....2-4 hours
- Dry time (between coats) @ 20°C (68°F).....24 hours
- Wet Film Thickness.....5-6 Wet Mills
- Coverage.....270-320 sq.ft./US Gal
- VOC (g/L).....Actual 33/Regulatory 50

**PACKAGING**

Quarts, Gallons, 5-Gallon pails.

**PREPARATION**

- Inspect the entire surface for defects and deterioration. Repair and replace defects where necessary. Use Sansin Multi-Wash to clean and rinse well using a pressure washer.
- Scuff sand existing Dec surface if necessary. Clean by washing (500 PSI), vacuum or compressed air for proper cleaning. Allow to dry.

**APPLICATION METHODS**

- Always flood surface to the point of saturation. (approximately 5-6 wet mil.)
- Dipping.
- Brushing.
- Spraying; hand or automated spraying (low pressure or airless).

**WORKING PROCEDURE**

- 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%.
- Apply the first coat of Dec 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 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 may be applied for improved finish and durability.
- Consider scuff sanding between coats to denib, as needed.
- Continually check the surface; wipe up all puddles and brush out any runs.
- Do not apply in the heat of day or in direct sunlight as this will cause surface filming and limit penetration which may result in peeling at a later date.
- Do not apply if rain or near-freezing temperatures are likely to occur within 24 hours after application.
- When using a tinted product be sure to stir well before and during application.
- Always read published directions for use prior to beginning a project.

**MAINTENANCE**

Maintenance coat of Dec Topcoat required every 2-4 years, depending on exposure.

If erosion or discoloration and/or checking and splitting of wood is evident, a maintenance coat will not be sufficient. Determine whether to spot repair within a wood component or refinish an entire wood component.

After deciding, carefully sand the specific area or entire component with 60-80 grit sandpaper, apply the original Dec color directly to the point of refusal to those bare areas with a China bristle brush. Using a strong color formula will better match the color as penetration is less when spot sanding compared to random orbital sanding. Let the product stand wet and soak into the bare wood because applying to the point of refusal would simulate the color of the previously applied

Dec™

ENVIRO STAIN®



# Dec™



products.

After letting it sit up to 30 seconds, brush away excess product, leaving about 4-5 wet mil of Dec remaining, being careful to wipe product away from the intact coating around the bare spot. The newly stained area should be scuff sanded (220 grit) to prepare for the Dec Topcoat. Now that corrective staining is complete, a maintenance application of Dec Topcoat is applied to the entire deck.

Always test on a small area to ensure desired results.

## STORAGE

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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

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See Material Safety Data Sheet.

## CONSIDERATIONS

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Ambering - Ambering (darkening) could occur in the absence of light, but is reversed when subjected to standard light energy.  
Thermally Modified Wood (TMW) - Thermal modification treatments fundamentally change the properties of wood resulting in higher susceptibility to UV degradation.  
Light Transparent Tones - Light transparent tones are more susceptible to substrate discoloration visibility and UV degradation.

## WARNING TO USERS

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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/MSHA 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, is 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

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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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