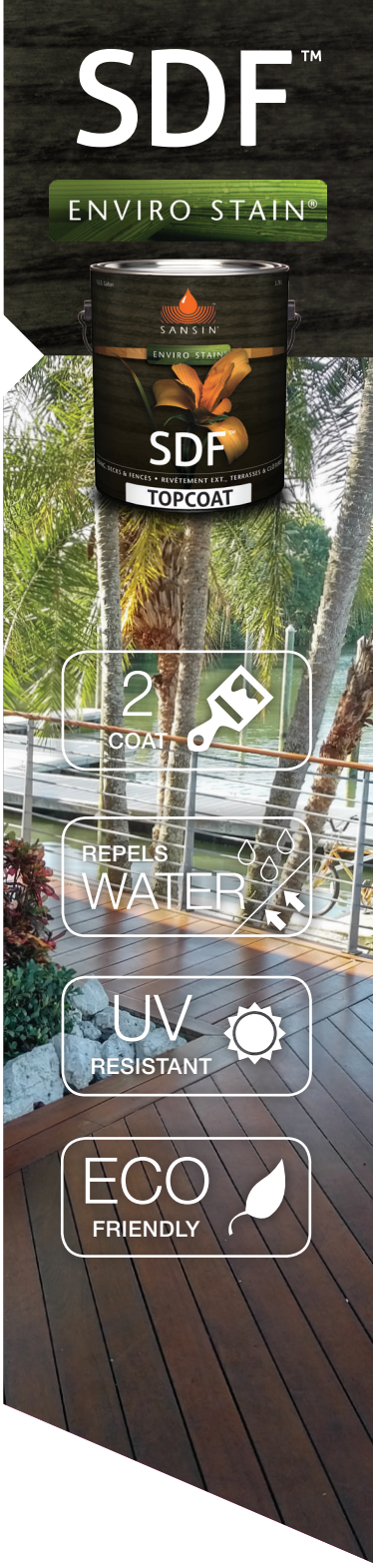
SDF TOPCOAT: A highly protective, exceptionally durable finish for application as the second, final or maintenance coat to SDF coated surfaces. SDF Topcoat will build a low lustre, natural finish. It is UV stable, water-repellent, low in VOC's, and non-flammable with easy soap and water clean-up. SDF Topcoat will not crack, peel or blister.



FEATURES

- Environmentally-friendly
- Creates dimensional stability
- Non-flammable
- Breathable
- UV resistant
- Water repellent
- Monolithic bond
- UV stable
- Tough, durable finish

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

- Siding.
- Decks.
- Fences.
- Outdoor Furniture.
- Log and Timber Homes.

COLORS

Available in standard and architectural custom colors.

Color	Clarity & Definition	Finish
Naturals	Transparent	Low Lustre
Translucent	Semi-Transparent	Low Lustre
Saturated	Solid/Semi-Solid	Low Lustre
Solid	Solid	Low Lustre

COATING SCHEDULE

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

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

TINTABLE BASES

Sansin SDF Topcoat is available in two tintable bases: 0-Base and 2-Base.

CHARACTERISTICS

- Appearance .....Clear, Translucent or Solid Hide
- 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, 20ºC (68ºF).....20-22 sec
- Solvents.....Low
- Freezing Point.....-1ºC (31ºF)
- Dilutent.....Water
- Cleanup.....Soap and Water
- Drying time (to touch) @ 20ºC (68ºF).....4-6 hours
- Solids.....30% ±0.5%
- Dry time (between coats) @ 20ºC (68ºF).....24 hours
- Wet Film Thickness.....5 Wet Mils/US Gal
- Coverage.....330 sq.ft./US Gal
- VOC (g/L).....Actual 47/Regulatory 210

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 SDF 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 21ºC (70ºF) and relative humidity of approximately 50%.
- For best results, apply a flood coat of Sansin SDF Topcoat, to a point of maximum absorption. Always back-brush the surface a few minutes after application.
- 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.

SANSIN™

SDF™







MAINTENANCE

Vertical surfaces require maintenance every 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 weather 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 SDF Topcoat according to instructions.

STORAGE

Shelf life when stored in ideal conditions is 18 months. Store at a temperature of between +10ºC and + 30ºC (50ºF and 86ºF). Keep containers tightly closed.

SAFETY

See Material Safety Data Sheet.

CONSIDERATIONS

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 susceptibiity to UV degradation.
Light Transparent Tones - Light transparent tones are more susceptible to substrate discoloration visibility and UV degradation.

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/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

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.

© ALL RIGHTS RESERVED
NOVEMBER 2025

SANSIN™