

SDF-FR: The ultimate flame spread protection in a beautiful wood finish designed for interior or non-exposed exterior wood surfaces. Provides “Class B” flame spread protection that conforms to ASTM E84 and Canadian Standard CAN/ULC-S102-10.

FEATURES

- Available in clear or colored tones
- Environmentally-friendly
- Resists heat and fire
- Reduces flame spread and toxic gas formation
- Forms ignition barrier on porous combustible materials
- Fast drying
- Excellent adhesion
- Spray applied
- Two coat application
- Tintable
- Water cleanup
- Low VOC

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

For interior non-working surfaces and exterior non-exposed, non-working surfaces:

- Ceiling
- Walls
- Protected exterior soffits

COLORS

Available in standard and architectural custom colors.

COATING SCHEDULE

Non-exposed, non-working surfaces.

1st Coat: SDF-FR (Toned appropriately or Clear)

2nd Coat: SDF-FR (Toned appropriately or Clear)

CHARACTERISTICS

- Appearance (in can).....Milky White Liquid
- Odor.....Mild Amine Smell
- Solids.....36.0% ±0.5%
- Viscosity #3 ZAHN Cup, 20°C (68°F).....22-26 sec
- VOC (act).....61.3 g/L
- VOC (reg).....176.0 g/L
- pH (approx).....8.0-9.0
- Specific Gravity.....1.1-1.2
- Density (lbs/Gal).....9.1-9.9
- Wet Film Thickness.....4 Wet Mills
- Coverage.....267-400 sq.ft./US Gal
- Sag Resistance.....3-4 Mills
- Dry time (to touch) @ 20°C (68°F) and 50% RH.....30 minutes
- Recoat time @ 20°C (68°F) and 50% RH.....allow 6 hrs drying minimum

PACKAGING

5 Gallon pail, 50 Gallon drum, and 265 Gallon tote.

SURFACE PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- Inspect wood surfaces for defects and make any necessary repairs.
- Ensure surface is clean bare wood, free of contaminants such as dust, grease and oils.
- Sand using a 120 grit paper and a variable speed random orbital sander to remove mill glaze and improve adhesion of SDF-FR.

WORKING PROCEDURE

- Do not apply at temperatures lower than 15°C (59 °F). Recommended application temperature is 20°C to 25°C (68°F to 77 °F).
- Protect from moisture and wetting.
- Stir well before and during use.
- SDF-FR is best applied by spray equipment (11 to 13 thou tip).
- Spray apply recommended film thickness of SDF-FR first coat.
- Allow first coat to dry for a minimum of 6 hrs @ 21°C (70°F) and relative humidity of approximately 50%.
- De-nib sand surface for preparation of the second coat.
- Spray apply recommended film thickness of SDF-FR second coat.
- Allow to dry.
- Protect from marring.

MAINTENANCE

Maintenance cycle may vary due to formulas selected, exposure and workmanship. Maintenance is necessary when the surface shows signs of wear, such as fading or erosion. If fading or erosion is evident, prepare wood by gently washing the surface with soap and water or with a weak solution of Sansin Multi-Wash to lightly clean the wood surface. Then re-apply one maintenance coat of SDF-FR according to instructions.

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.

SDF™



2
COAT

REPELS
WATER

UV
RESISTANT

ECO
FRIENDLY





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.

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