



ENVIRO STAIN®

# PRECISION COAT SDF 400 SERIES

**DESCRIPTION** A penetrating water borne modified alkyd low VOC two coat finish for exterior wood siding, SDF 400 series provides long lasting beauty and protection against water and UV degradation, a 4 –15 year limited warranty is available from Sansin SDF 400-series Precision coat approved factory applicators. Colors range from natural transparent tones that enhance the natural look of wood to semi transparent and Saturated Solid colors. SDF 400 series provides excellent color stability and water repellence. Sansin Enviro Stain delivers a 25-year history of performance in North America and Europe.

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### APPLICATIONS

- Designed for application to siding and vertical surfaces.
- Available in 79 standard colors and specified architectural custom colors.

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### PRODUCT BENEFITS

- Environmentally Responsible
- Molecularly compatible, creating a monolithic bond with the wood
- Penetrating
- Breathability
- Two coat application
- Can be applied to wood with a Moisture Content of up to 20%
- Creates dimensional stability
- Non flammable
- UV Resistant
- Water repellent

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### CHARACTERISTICS

- Appearance..... Variety of Tones
- Coloring..... Standard and Custom
- Odor ..... Low
- Form..... Liquid
- Specific Gravity ..... 1.00-1.03
- Density ..... 8.3-8.4
- Solids Content..... 25 - 28%
- pH, ( approx.. ) ..... 8.8-9.0
- Viscosity, #1 ZAHN Cup, 20°C (68°F) ..... 45-55 Sec.
- Viscosity, #4 ZAHN Cup, 20(C (68°F) ..... 14-18 Sec.
- Solvents ..... Low

- Freezing Point.....-1°C (31°F)
- Diluents..... Water
- Cleanup..... Soap & Water
- Drying Time (To Touch ) @ 20°C (68°F) ..  
..... 4-6 Hours
- Drying time (Between Applications) on SPF group of wood species @ 20°C (68°F) ..... 4 Hours
- Drying time (Between Applications) on Western Red Cedar @ 20°C (68°F) ...24 Hours
- Coverage, pending on penetration .....  
.....270-330 sqft/USgal.
- Longer drying time needed in high humidity or low temperature
- VOC(g/L).....Regulatory – 232

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### PACKAGING

Available in 5-US gallon plastic containers

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### PREPARATION

- Use only dimensional lumber that is clean and free of defects and deterioration.
- Machined or mill glazed wood surfaces must be machine sanded using 80 grit paper. Do not use belt sanders, or brush sanders, as these are inadequate. Glass blasting is an alternative.
- Sanding is required on all exposed milled surfaces.

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### APPLICATION METHODS

- Blend batches together for multi batch jobs
- Pigment concentration as per Sansin Pre-Stain 400 Series colour pigmentation guide lines
- Always flood the surface to ensure saturation
- Dipping (before installation of the boards)

- Spraying, hand or automated low pressure spraying
- Brushing
- Leave a film of 6 wet mils as measured by a wet film gauge after spreading or back brushing measured on standard smooth surfaces

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**WORKING PROCEDURE**

- Stir well before and during application
- Saturate the wood surface
- Brush out any puddles and runs
- Do not apply on wood that is warm to the touch
- Apply and allow to dry in a climate controlled factory setting with temperatures of 21°C (70°C) and 50% humidity

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**STORAGE** Store at a temperature of between +2°C and + 30°C. Keep containers tightly closed.

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**SAFETY** See Material Safety Data Sheet

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**WARNING TO USERS** Keep out of reach of children. Avoid breathing vapors or mist. Use only in areas with adequate ventilation. Wear an appropriate, properly fitted NIOSH approved respirator. If swallowed, call a poison control center or doctor immediately. For eye contact, flush immediately with water for at least 15 minutes and call a doctor. For skin contact, wash with soap and water. Remove and wash contaminated clothing. Consult a doctor if any irritation persists.

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