SUPERDECK®
IR Reflective
Exterior Waterborne
Semi-Solid Color Stain
SD5-3000 Series

DESCRIPTION

- Provides an exterior IR semi-solid film
- Contains pigments that actually reflect solar rays back into the atmosphere, thereby helping reduce the exterior surface temperatures of decks exposed to the constant assault of direct sunlight
- Excellent penetration for protecting new horizontal exterior wood surfaces
- Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day
- Offers greater defense against weathering than the waterborne semi-transparent stain, while allowing natural character of the wood grain to show through
- This product contains agents which inhibit the growth of mildew on the surface of this paint film

Use on wood: Decks, Steps, Rails, Spindles, Patios, Walkways, Outdoor Wood, Furniture

Use on: Pressure Treated (CCA, ACQ, CA), Cedar, Redwood, Pine, Cypress, Fir, Spruce

Tips: Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:
- Do not stain in direct sun or on a hot surface
- Stain from a dry area into the adjoining wet stain area. Keep the leading edge wet and distribute the finish evenly
- Quickly remove puddles and excess material by redistributing to dry areas or wiping up
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones
- Always apply the product to a small test area and allow to dry completely before coating the entire project to ensure desired color and appearance

CHARACTERISTICS

Color: 3 package colors
Cannot be tinted to any other color

Color
Rex
Hawthorne SD5N03518 38.4%
Cedar Bark SD5Y03511 38.7%
Chesnut SD5N03524 27.3%
Total Solar Reflectance

Coverage:
Smooth: 350 sq ft/gal
Rough/porous: 100-200 sq ft/gal
Depending on porosity and texture

Note: New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood.

Drying Time, @ 77°F, 50% RH:
Touch: 1 hour
Recoat: 4 hours minimum
7 days maximum
Drying and recoat times are temperature, humidity, and film thickness dependent

Two thin coats may be required for proper color development, the second coat MUST be applied within 7 days of the first coat.

Note: Air and surface temperature must not drop below 50°F for 24 hours after application.

Finish:
slight film, no sheen

Flash Point:
N/A

Tinting: DO NOT TINT

Vehicle Type:
Acrylic

Hawthorne SD5N03518
(may vary by color)

VOC (less exempt solvents):
<50 g/L: 0.42 lb/gal
As per 40 CFR 59.406 and SOR/2009-264, s.12
Volume Solids: 31± 2%
Weight Solids: 41 ± 2%
Weight per Gallon: 9.59 lb

SURFACE PREPARATION

WARNING! Removal of old coatings by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

All surfaces must be clean, dry, and free from dirt, mildew stains, dust and other foreign matter. Do not apply over sealed surfaces. Recognize that any surface preparation short of total removal of the old coating will compromise the service length of the system.

Clean all surfaces completely with the appropriate cleaner based on the conditions.

SuperDeck Deck Wash
Mildew stain, Algae stain
Weathered wood (bleaches wood)
Gray wood (bleaches wood)

SuperDeck Revive™
Tannin Bleed, Nail stain
Weathered wood (restores color)
Gray wood (restores color), Mill Glaze

SuperDeck Stain & Sealer Remover
Weathered, gray wood
Old Paint & Stain

Carefully follow all label instructions. Thoroughly rinse the surface to remove all residue and allow to thoroughly dry before coating.

To determine if the surface is sealed, test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather 1 to 2 weeks and test for absorbency again.

As of 07/10/2017, Complies with:
OTC Yes  LEED® 09 NC, CI N/A
OTC Phase II Yes  LEED® 09 CS N/A
SCAQMD Yes  LEED® v4 Emissions No
CARB Yes  LEED® v4 VOC Yes
CARB SCM 2007  Yes  LEED® v4 IR Reflective
OTC Yes  LEED® 09 NC, CI N/A
Canada Yes  LEED® v4 IR Reflective

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**APPLICATION**

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not thin or mix with any other stains or coatings. All surfaces must be clean, dry, and free from dirt, mildew stains, dust and other foreign matter. Be sure to follow directions for maximum product performance.

For previously stained wood, strip and clean prior to coating.

Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints. For best results apply in shade with surface temperatures between 50°F and 90°F. Do not apply if temperatures will fall below 50°F or if rain or snow is expected within 24 hours after application. Cooler temperatures require longer drying times.

No reduction necessary.

- **Brush** - Use a nylon/polyester brush
- **Roller** - Use a 3/8" - 3/4" nap cover
- **Spray** — Airless  
  Pressure: 2000 psi  
  Tip: .015"-.017"  
After application, while the material is still wet, back brush to force the material into the wood fibers and to achieve a uniform appearance.

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**COATING SOLUTION**

Which product is the best for my project:

- **SuperDeck Exterior Waterborne Clear Sealer**
  - Protects wood from sun while allowing the wood to gray naturally
  - Water repellents make water bead up, protecting against cracking, splitting, and warping of wood
  - Leaves a protective coating that resists discoloration caused by mildew

- **SuperDeck Exterior Oil-Based Transparent**
  - Lasting, penetrating, oil-based formula
  - Enriches wood appearance with a light tone
  - UV protection resists graying
  - Repels water to prevent moisture damage

- **SuperDeck Exterior Waterborne Semi-Transparent Deck Stain**
  - Provides a lasting, mildew-resistant film
  - Excellent penetration for protecting horizontal exterior wood surfaces
  - Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day

- **SuperDeck Exterior Oil-Based Semi-Transparent Stain**
  - A lasting penetrating formula that protects the wood with a rich semi-transparent stain.
  - One coat coverage on most woods
  - Scuff-resistant formula with UV protection that resists fading
  - Repels water to prevent moisture damage

- **SuperDeck Waterborne Solid Color Deck Stain**
  - Waterborne, 100% acrylic resin
  - Provides mildew resistant coating
  - Can be used over existing paint or stain
  - Can be applied to damp surfaces, allowing surfaces to be prepped and stained in one day

For more stain information and product choices visit www.sherwin-williams.com.

For Vertical surfaces - walls, siding, etc, use **WoodScapes® Exterior Acrylic Solid Color Stain** or **WoodScapes® Exterior Polyurethane Semi-Transparent Stain**.

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**CAUTIONS**

This product must be applied outdoors to wood intended for exterior use only. Not for interior use.

- Do not use on roofs.
- Do not varnish or use a clear overcoat.
- Do not apply over hardboard, particleboard, or wood coated with creosote-based materials.
- Do not use on composition board or composite decking materials.
- Not for use on garage floors, driveways, or automobile traffic areas.

Before using, carefully read **CAUTIONS** on label.

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**CLEANUP INFORMATION**

Clean spills, spatters, and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.