



TECHNICAL DATA SHEET

Penetrant Sealers, Repellants, & Stains **RAINSTOPPER® Ultra Silicone Acrylic Stain** (Semi-Transparent/Opaque)

PRODUCT PROFILE

DESCRIPTION

RAINSTOPPER® Ultra Silicone Acrylic Concrete Stain (Semi-Transparent/Opaque) is a water-based modified acrylic resin designed to provide an opaque, long-lasting, color-toning deep satin finish to concrete and masonry surfaces. RAINSTOPPER® Ultra Silicone Acrylic Stain provides aesthetic opaque staining, water repellency, chloride ion intrusion, and greater depth of color while allowing moisture and vapor transmission. It is specially formulated to provide resistance to alkali, mildew, calcium chloride, and ultraviolet degradation.

FEATURES

- Semi-Transparent In One Coat
- Opaque in Two Coats
- Low VOC Content
- Protects Concrete From Water Intrusion
- Resists Spalling and Efflorescence of Concrete
- Provides UV Protection
- Wide Variety of Colors
- Deep Satin Finish
- Gives Concrete An Even Color
- Pleasing Aesthetics
- Protects From Mildew, Algae and Fungi

BENEFITS

RECOMMENDED PRIMERS/SUBSTRATES

Structural Concrete; Architectural Concrete; Exposed Aggregate Concrete; Concrete Masonry; Brick Masonry; Natural Stone; Cement Stucco. Consult a TEX-COTE LLC representative for other substrates.

PRODUCT APPLICATION

APPLICATION EQUIPMENT

Conventional airless using a .015 to .017 inch tip. Medium to long nap roller depending on the surface porosity.

GENERAL / SURFACE PREPARATION

All surfaces must be sound, clean, dry and cured a minimum of 14-28 days prior to the application of RAINSTOPPER® Ultra Silicone Acrylic Stain. The specific cure time of the concrete prior to the application of RAINSTOPPER® Ultra Silicone Acrylic Stain is dependent on the color of stain selected. Certain color ranges/pigments are less resistant to alkali attack and require a longer cure period of the concrete. Consult your TEX-COTE® representative prior to the application.

Surface contaminants such as dust, dirt, mildew, form oils, curing agents and loose substrate materials should be thoroughly removed. RAINSTOPPER® Ultra Silicone Acrylic Stain provides color-toning features to the substrate to which it is applied. The substrate preparation should be approved by the owner, architect, or engineer prior to proceeding with the RAINSTOPPER® Ultra Silicone Acrylic Stain.

APPLICATION RATE

100 to 200 square feet per gallon, depending on substrate porosity.

APPLICATION

Stir material well before applying to any substrate. When spraying, apply first coat to a consistent appearance. A second fog coat may be necessary along with backrolling to minimize lap marks and improve color uniformity depending on the substrate porosity and color selected. The fog coat (if required) should be applied after the first coat has dried (30-60 minutes) for color uniformity. Roller applied should cure 24 hours between first and second coat application. The actual number of coats will depend on the color, substrate porosity, and the surface texture of the structure.

DRYING/CURING TIMES

- To Touch: 30 - 60 Minutes
- To Recoat: One (1) to Four (4) Hours for Spray; 24 Hours for Rolling

CLEAN-UP

- For **Dry Material**: Use Methyl Ethyl Ketone (MEK)
- For **Wet Material**: Use Water

BEST PERFORMANCE

IMPORTANT STEPS

- Do NOT apply over frozen or damp surfaces or when rain is imminent. AVOID FREEZING.
- Air temperature for application is 45°F (7°C) and rising, not to exceed 100°F (37.7°C)
- Retaining walls and planter boxes shall be waterproofed on the backside with a below-grade asphalt-type material prior to backfilling.
- NOT for below-grade use.
- Surface shall be clean, dry, and fully cured.



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TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Appearance of Dry Film	Opaque/Satin
Gloss @ 60°	10-20
Sheen @ 85°	20-30
Density	10.5
Flash Point °F	None
Volume Percent	34 ± 2%
Weight Percent	48 ± 2%

PHYSICAL PROPERTY	TYPICAL RESULT
PH	7.8-8.5
Specific Gravity	1.26
Viscosity	70-75 KU
VOC (grams/liters minus water)	MAX 100 grams/liter
Dry Time: To Touch 30-60 Mins	70°F, 50-60% RH
Dry Time: Recoat 1-4 Hours	70°F, 50-60% RH

Applicable Standards | American Society for Testing Materials (ASTM)

TEST METHOD	PROPERTY	RESULT
ASTM E96	Water Vapor Transmission	18.6 Perms
ASTM D1653	Water Vapor Permeance	32.2 Perms
ASTM B-117	Salt Spray Resistance	500 Hours, Excellent
FL DOT 400-15.2.6.7	FL Hwy Dept. Freeze/Thaw Method	Pass, 50 Cycles
ASTM C642	Water Absorption	20X Reduction
ASTM G-153	Weatherometer	5000 Hours; No Cracking, Crazing or Adhesive Loss
AASHTO T259/Tw60	Chloride Ion Penetration Resistance	1/16" to 1/2" • 82% Reduction
-	-	1/2" to 1" • 94% Reduction
-	Peel Resistance	Excellent
Chemical Resistance, Sodium Chloride; Calcium Chloride; Sodium Hydroxide		Excellent

ORDER INFORMATION

COLORS SHELF-LIFE

Available in five (5) and fifty-five (55) gallon containers.
12-Month Shelf Life under proper conditions:
• Containers are sealed, upright and airtight in a dry place.
• Maintain temperature of 45°F and rising to 100°F (7°C to 37.7°C); AVOID FREEZING.

SAFETY

WARNING

- Use with adequate ventilation.
- DO NOT breathe spray mist or dust.
- Avoid contact with eyes, skin, and clothing.
- Wash thoroughly after handling.
- For professional use only.

FIRST AID

- Use in well-ventilated areas.
- If you experience difficulty in breathing, leave area to obtain fresh air.
- If difficulty continues, seek medical attention.
- In case of eye contact, flush immediately with large quantities of water for at least 15 minutes.
- Seek medical attention if blurring or redness continues.

VOC COMPLIANCE

All TEX-COTE® products comply with federal Volatile Organic Compound (VOC) rules and regulations.
Please contact your nearest TEX-COTE LLC office for assistance on the local and state VOC compliance in the area of intended use.

WARRANTY

Upon completion of the application of the coating in accordance with the manufacturer's recommendations, TEX-COTE LLC will extend its limited commercial warranty for product replacement as a result of a defect in the material. The manufacturer must be notified prior to the application of the coating and the application must be in compliance with the manufacturer's recommendations for installation. TEX-COTE LLC shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty is available upon request.

Corporate HQ & East Coast Facility
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