



PRODUCT PROFILE

DESCRIPTION

RAINSTOPPER® 250 Silicone Acrylic Concrete Stain is a water-based modified acrylic resin designed to provide a long-lasting, color toning finish to concrete and masonry surfaces.

RAINSTOPPER® 250 Silicone Acrylic Concrete Stain provides aesthetic 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 BENEFITS

- Semi-Transparent in One (1) Coat
- Opaque in Two (2) Coats
- Wide Variety of Colors
- Low VOC Content
- Gives Concrete An Even Color
- Protects Concrete From Water Intrusion
- Pleasing Aesthetics
- Resists Spalling and Efflorescence of Concrete
- Protects From Mildew, Algae and Fungi
- Provides UV Protection

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 GENERAL/SURFACE PREPARATION

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

All surfaces must be sound, clean, dry, and cured a minimum of 14-28 days prior to the application of RAINSTOPPER® 250 Silicone Acrylic Concrete Stain. The specific cure time of the concrete prior to the application of RAINSTOPPER® 250 Silicone Acrylic Concrete 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 LLC 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® 250 Silicone Acrylic Concrete 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® 250 Silicone Acrylic Concrete Stain.

APPLICATION RATE APPLICATION

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

Stir material well before applying to any substrate. When spraying, apply first coat to a consistent appearance. A second fog coat may be necessary 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; 70°F, 50-60% RH
- **Recoating:** One (1) to Four (4) Hours for Spray; 24 Hours for Rolling; 70°F, 50-60% RH

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 50°F (7°C) and rising, not to exceed 100°F (37.7°).
- 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.

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Appearance of Dry Film	Semi-Transparent/Opaque
Density	1.22
Flash Point °F	None

PHYSICAL PROPERTY	TYPICAL RESULT
PH	7.8-8.5
Specific Gravity	1.22
Viscosity	55-65 KU (200-300 cps)

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Weight Percent	46 ± 2%
Volume Percent	30% ± 2%

PHYSICAL PROPERTY	TYPICAL RESULT
VOC (grams/liters minus water)	Maximum 250 grams/liters

TEST METHOD	PROPERTY	RESULT
ASTM E96	Water Vapor Transmission	5.9 English Perms
ASTM B-117	Salt Spray Resistance	500 Hours, Excellent
FL DOT 400-15.2.6.7	Freeze/Thaw	50 Cycles, Pass
ASTM C642	Water Absorption	20X Reduction
ASTM G-153	Weatherometer	5000 Hours, No Cracking, Crazeing or Adhesive Loss
ASTM C672	Scaling Resistance	No Defects
AASHTO T259/T260	Chloride Ion Penetration Resistance	1/16" - 1/2" • 82% Reduction
-	-	1/2" - 1" • 94% Reduction
-	Peel Resistance	Excellent
Chemical Resistance; Sodium Chloride; Calcium Chloride; Sodium Hydroxide		Excellent

ORDER INFORMATION

PACKAGING	Available in five (5), thirty (30), or fifty-five (55) gallon containers.
COLOR	Available in 16 Standard Colors and custom colors upon request. Additional charge for deep tone colors.
SHELF LIFE	12-Month Shelf Life under proper conditions: <ul style="list-style-type: none"> • Containers are sealed, upright and airtight in a dry place. • Maintain temperature of 45°F to 100°F (7°C to 37.7°C); AVOID FREEZING. • Skins formed on surface of material must be removed prior to moving containers or mixing.

SAFETY

WARNING	<ul style="list-style-type: none"> • Contains crystalline silica. • Use with adequate ventilation. • Do NOT breathe spray mist or dust. 	<ul style="list-style-type: none"> • Avoid contact with eyes, skin, and clothing. • Wash thoroughly after handling.
FIRST AID	<ul style="list-style-type: none"> • 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.

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