



Penetrant Sealers, Repellants & Stains

RAINSTOPPER® SILICONE ACRYLIC CONCRETE STAIN

DESCRIPTION

Rainstopper® 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® 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

- Semi-Transparent in one coat
- Opaque in two coats
- Wide variety of colors

BENEFITS

- Low VOC content
- Protects concrete from water intrusion
- Resists spalling and efflorescence of concrete
- Provides UV protection
- Gives concrete an even color
- Pleasing aesthetics
- Protects from mildew, algae and fungi

RECOMMENDED OVER

Structural concrete; architectural concrete; exposed aggregate concrete; concrete masonry; brick masonry; natural stone; cement stucco. Consult a TCA representative for other substrates.

APPLICATION

Application Equipment

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

Surface Preparation/General

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

Dry to touch = 30 - 60 minutes
Re-coating = 1 - 4 hours for spray;
24 hours for rolling.

Cleanup/Container

Use water for wet material and Methyl Ethyl Ketone (M.E.K.) for dry.

FOR BEST PERFORMANCE

- 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.

TECHNICAL DATA

Physical Properties

Volume percent solids	30% ± 2%
Weight percent solids	46% ± 2%
Appearance	Semi-transparent / Opaque
PH	7.8 - 8.5
Flash Point	None
Density	10.2
Specific gravity	1.22
VOC	Maximum 250 grams/liter
Viscosity	55 - 65 KU (200 to 300 cps)
Drying time - to touch	30-60 min.; 70°F, 50 - 60% relative humidity
Re-coat	1-4 hours 70° F, 50-60% relative humidity

Test performance

Water Vapor Transmission, ASTM E96	5.9 English Perms
Salt Spray resistance, ASTM B-117, 500 hrs	Excellent
Freeze / Thaw, 50 cycles (FL DOT 400-15.2.6.7)	Pass
Water Absorption, ASTM C642	20X reduction
Weatherometer, ASTM G-153	5000 hour, no cracking, crazing or adhesive loss
Scaling Resistance, ASTM C672	No defects
Chloride Ion Penetration Resistance, AASHTO T259/T260 ..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

Packaging

Available in 5 gallon pails, or 30 and 55 gallon lined drums.

Color

Available in sixteen standard colors and custom colors upon request. Additional charge for deep tone colors.

Shelf Life

Twelve (12) month shelf life if the containers are sealed, upright and stored in a dry place. Maintain temperature of 45°F and rising to 100°F (7°C to 38°C). **Do not allow to freeze.**

SAFETY

Warning! Contains crystalline silica. Use with adequate ventilation. Do not breathe spray mist or dust. Avoid contact with eye, skin and clothing. Wash thoroughly after handling.

First Aid: 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 and state Volatile Organic Compound (VOC) rules and regulations. Please contact your nearest TCA office for assistance on the local VOC compliance in the area of intended use.

WARRANTY

Upon completion of application of coating in accordance with the manufacturer's recommendations, Textured Coatings of America, Inc. will extend its limited commercial warranty for product replacement as a result of 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. Textured Coatings of America, Inc. shall have no obligation to contribute to or otherwise participate in labor or cost associated with effecting repairs. Specimen copy of material warranty available upon request.



TEX·COTE®
RAINSTOPPER® SILICONE
ACRYLIC CONCRETE STAIN



TEX·COTE®
TEXTURED COATINGS OF AMERICA, INC.

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