



## Penetrants Sealers, Repellants & Stains

# RAINSTOPPER® ULTRA SILICONE ACRYLIC CONCRETE STAIN (Opaque/ Satin)

### DESCRIPTION

Rainstopper® Ultra Silicone Acrylic Concrete Stain 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 Concrete 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
- Wide variety of colors
- Deep satin Finish

### 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® Ultra Silicone Acrylic Concrete Stain. The specific cure time of the concrete prior to the application of Rainstopper® Ultra 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® Ultra 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® Ultra 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.

### 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.

### ORDER INFORMATION

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

**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:** 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 regulations in the area of intended use.

**TECHNICAL DATA**

**Physical Properties**

Volume percent solids .....	34 ± 2%
Weight percent solids .....	48 ± 2%
Appearance .....	Opaque/ Satin
Gloss @ 60° .....	10-20
Sheen @ 85° .....	20-30
PH .....	7.8-8.5
Flash Point .....	None
Density .....	10.5
Specific gravity .....	1.26
VOC .....	Maximum 100 grams/liter
Viscosity .....	70-75 KU
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 .....	18.6 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
Xenon Arc Accelerated Weathering, ASTM G26/G155.....	2500 hour, no cracking, crazing or chalking
Scaling Resistance, ASTM C672 (50 cycles ) .....	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

**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.



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