



Penetrant Sealers, Repellants & Stains

RAINSTOPPER® 600 SILOXANE SEALER RAINSTOPPER® 1500 SILOXANE SEALER

DESCRIPTION

RAINSTOPPER® 600 and 1500 are solvent based polysiloxane one-component penetrating sealers. These products react chemically with the substrate to form a repellency to salt and water while still allowing the substrate to remain permeable to water vapor. RAINSTOPPER® Siloxane Sealers protect and preserve the substrate without altering the surface texture or appearance.

FEATURES

- No appearance change
- Can be used on traffic or non-traffic areas
- Vapor permeability unaffected
- No change in skid resistance or texture
- Wide application temperature range in a one coat application
- High flash point compared to silane type sealers
- Horizontal or vertical application

BENEFITS

- Helps stop efflorescence
- Compatible with most solvent based surface finishes, striping paint and TEX·COTE® XL 70® BRIDGE·COTE®

RECOMMENDED OVER

Limestone Aggregates, Gravel, Sand, Granite, Concrete, Stone, Brick, Masonry, Flagstone, Sandstone, Limestone, Pre-cast Concrete, Architectural Concrete, Stucco, Synthetic Stone

APPLICATION

Application Equipment

Application equipment should contain no water. RAINSTOPPER® Siloxane Sealer may be applied by brush, roller or spray. The most effective method for applying is to spray it on the surface using low pressure (15 p.s.i.) airless spray equipment. Mist spraying can allow a substantial portion of the material to be lost to the atmosphere and slow down the rate of application. Deck areas should be sprayed using a spray-bar type unit, and other areas sprayed with hand spray units.

Application Rate

RAINSTOPPER® Siloxane Sealers are clear sealers. Coverage rate will vary depending upon porosity of substrate.

Estimated coverages:

Limestone Aggregates, Gravel, Sand, Granite, Concrete, Stone, Brick,

Masonry, Flagstone, Sandstone, Stucco, Split Faced Block: 75 to 100 square feet per gallon.

Pre-cast Concrete, Architectural Concrete, Stucco, Synthetic Stone: 100 to 125 square feet per gallon.

Application

RAINSTOPPER® Siloxane Sealers are ready to use solvent based sealers, and shall be applied as supplied. They cannot be diluted or altered in any way. DO NOT allow any water to get into the solution.

Horizontal surfaces will be completely flooded; vertical surfaces will have spray patterns that will run 6 to 8 inches before soaking in when

application rates are correct. All spray equipment should be designed for all solvents.

If applicator is unable to complete the entire application at one time, the place where the application was stopped shall be clearly marked. Partially used containers should be properly sealed and protected from contamination by water or other foreign substances.

Provide adequate ventilation during and after application, such that RAINSTOPPER® odors are not evident. Product is flammable. Use reasonable care and caution. Do not proceed when excessive winds could interfere with application. Concrete shall have cured to design strength prior to application of the RAINSTOPPER® Siloxane.

Surfaces which are not clean (i.e. surfaces where the pores may be clogged with oils, dirt, dust, curing compound and/or other coatings, etc.) must be cleaned sufficiently to allow enough pores to be opened so that the RAINSTOPPER® can penetrate.

Recommended Cleaning Method
Sandblasting, waterblasting or any other method which opens pores as described. If wet methods are used, the surface should be allowed to dry completely prior to application of RAINSTOPPER®. All concrete or masonry surfaces shall be

substantially dry prior to application.

FOR BEST PERFORMANCE

- Apply to clean, sound, dry substrate.
- All curing agents, form oils, and any other contaminants should be removed prior to application of sealer.
- Do not apply when heavy rain is imminent.
- Do not apply when ambient or surface temperature is below 40°F or above 100°F.
- Sealers are water repellent and are not intended to be used as a waterproofing material.
- All sealers contain petroleum distillate, which, in liquid form, can cause serious illness or death if swallowed or if large quantities are absorbed into the body. Use only in well ventilated areas; if swallowed, do not induce vomiting.
- TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

TECHNICAL DATA

TEST RESULTS		
PROPERTIES/TEST	RS600	RS1500*
Solvent	Mineral Spirits	Mineral Spirits
Color	Clear	Clear
Flash Point	105°F	105°F
Test Application Rate (Standard per Test Method)	125 sf/ gallon	125 sf/ gallon
NCHRP 244 Report Series II Test		
% Reduction in Water Absorption	---	75%
Water Vapor Transmission	2.2+ perms	2.23 perms
% Reduction in Chloride Intrusion NCHRP 244	84.8	92.1

RS 1500: SALT WATER WEIGHT GAIN WJE: NCHRP Report No. 244; Test 21 Days		
Product	Average Wt. Gain%	Average Reduction in Wt. Gain%
RAINSTOPPER® 1500	0.53	75.0

RS 1500: WATER VAPOR TRANSMISSION ASTM E96: Procedure B		
Product	Average Vapor Transmission (Grains/Hr/Sq. Ft.)	Average Permeance Perms
Control	1.32	3.25
RAINSTOPPER® 1500	1.02	2.23

TEST RESULTS		
PROPERTIES/TEST	RS600	RS1500*
Freeze-Thaw	Minimal	None
Scaling Resistance ASTM C-672 (50 Cycles)	Scaling	Scaling
Freeze-Thaw Durability ASTM C-666	98.0	96.2

TEST RESULTS	
PROPERTIES/TEST	RS1500*
Series IV Test	
Chloride Screening	100
Southern Climate Exposure (% More Effective)	
Florida D.O.T. Test Method	PASSES

RS 1500: SALT RESISTANCE AASHTO T259/T260		
Product	Sample Depth Inch	% Chloride Ion by Wt.
Control Uncoated	1/16"-1/2"	0.0792
Control Uncoated	1/2"-1"	0.0581
RAINSTOPPER® 1500	1/16"-1/2"	0.0287
RAINSTOPPER® 1500	1/2"-1"	0.0050

*RAINSTOPPER® 1500 meets and/or exceeds all the base requirements for NCHRP 244 test methods and the Florida Department of Transportation requirements for a Type "O" High Performance Penetrating Sealer. All test results are relative to untreated control samples. RAINSTOPPER® 600 and RAINSTOPPER® 1500 are available to comply with VOC requirements for California, as well as other states where mandated.

ORDER INFORMATION

Packaging

Available in 5-gallon pails, 30-gallon and 55-gallon drums.

Coverage Rate

RAINSTOPPER® Siloxane Sealers are clear sealers. Coverage rate will vary depending upon porosity of substrate. Estimated coverages:

Limestone Aggregates, Gravel, Sand, Granite, Concrete, Stone, Brick, Masonry, Flagstone, Sandstone, Stucco, Split Faced Block- 75 to 100 square feet per gallon. Precast Concrete, Architectural Concrete, Stucco, Synthetic Stone - 100 to 125 square feet per gallon.

Shelf Life

Twelve (12) month shelf life based on the following: 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); avoid freezing.

SAFETY

Danger! Flammable liquid and vapor. Keep away from heat and flames. Contains acetone. Vapor harmful. Use with adequate ventilation. View Material Safety Data Sheet before

using material. Smoking in area where this material is used should be strictly prohibited. Keep out of reach of children.

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® 600
RAINSTOPPER® 1500



TEX·COTE®
TEXTURED COATINGS OF AMERICA, INC.

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