



PRODUCT PROFILE

DESCRIPTION

RAINSTOPPER® 1750W Clear is a micro-emulsifiable concentrate based on silanes and alkoxysilanes. When mixed with water, a micro-emulsion is produced. This diluted form will impart water repellency to absorbent mineral surfaces.

FEATURES

- A Clear Concentrate That Is solvent and Water-Free
- A Viscosity Comparable To Water
- Immediate Miscibility with Tap Water Without Extensive Mixing

BENEFITS

- VOC Compliant (Less Than 400 grams per liter minus water)
- Complies with Series II NHCRP 244 Report
- Meets SSW-IIOC Federal Specification

RECOMMENDED PRIMERS/SUBSTRATES

Brick, Masonry, Stone, Limestone Aggregate, Gravel, Sand, Flagstone, Precast Concrete, Architectural Concrete, Stucco, Synthetic Stone

PRODUCT APPLICATION

APPLICATION EQUIPMENT

RAINSTOPPER® 1750W Clear may be roller or spray applied. A low pressure spray unit (20-25 pounds per square inch) or Hudson sprayer is recommended.

GENERAL/SURFACE PREPARATION

Before application, be sure the surface is clean and free of environmental dirt, efflorescence, form oils, curing compounds, or any other foreign matter that can affect the penetration of RAINSTOPPER® 1750W Clear. Surface to be treated should be uniformly wet or dry.

Surface cleanliness can be tested by putting a drop of water on surface to be coated. If water is rapidly absorbed, substrate is ready for application. If water sits on surface, or looks like an oily spot, more cleaning is required.

APPLICATION RATE

Application rate will vary dependent upon porosity. For brick, masonry, stone, limestone aggregates, gravel, sand, flagstone, and stucco, estimate 75 to 100 square feet per gallon of diluted product (375 to 500 square feet per gallon of concentrate) for sealing applications.

For precast concrete, architectural concrete, and synthetic stone, estimate 100 to 125 square feet per gallon of diluted product (500-625 square feet per gallon of concentrate).

For priming dilutions, coverage per gallon of concentrate is approximately double sealing operations.

APPLICATION

RAINSTOPPER® 1750W Clear is a concentrated material that must be diluted with water prior to application. For sealing surfaces from attack of water, wind, and other elements, a 9:1 dilution of water to RAINSTOPPER® 1750W concentrate is recommended. A dilution of 4.5 to 9 parts water (depending on surface porosity) to 1 part RAINSTOPPER® 1750W is recommended as a sealing primer prior to painting. For application, achieve a flooding condition with rundown. Multiple applications should be wet on wet to ensure penetration of the sealer.

CLEAN-UP

Clean-up wet overspray on glass, metal or painted surfaces immediately with water. RAINSTOPPER® 1750W Clear adheres tightly to surfaces when cured. Spray-on or roll equipment must be cleaned up with water immediately while wet.

BEST PERFORMANCE

IMPORTANT STEPS

- Masonry should be cured a minimum of 28 days before application.
- Rain or snow is not imminent.
- Surface should be free of foreign matter and not frozen.
- When mixed with water, the blend should be used within 24 hours.
- Longer storage time with the water blend can affect penetration.
- Keep containers sealed to eliminate moisture intrusion.
- RAINSTOPPER® 1750W Clear is for above-grade only.
- Allow to cure under ideal conditions for a minimum of 72 hours if an oil based system is to be applied.
- Environmental temperatures should be between 45°F and 100°F (7°C - 37.7°C).
- Do NOT store near excessive heat or flame.
- During application use splash goggles, rubber gloves, protective apron, and vapor respirator.
- Storage: Up to 12 months in sealed containers stored at 45°F to 100°F.
- TEX-COTE LLC does NOT promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

TECHNICAL DATA

PHYSICAL PROPERTY	TYPICAL RESULT
Appearance of Dry Film	Clear to Light Brown Color Concentrate
Flash Point °F	77°F, Typical

PHYSICAL PROPERTY	TYPICAL RESULT
Silane/Siloxane Content	100.00%
Weight /Gallon (pounds)	8.51 lbs

NCHRP 244 SERIES II

TEST METHOD	MINIMUM	RS1750W
% Reduction in Water Absorption	75.0	80.0
% Water Vapor Transmission	100.0	100.0
% Reduction in Chloride Ion Intrusion	75	83
Depth of Penetration (inches average)	N/A	0.1

NCHRP 244 SERIES IV

TEST METHOD	MINIMUM	RS1750W
Southern Exposure Chloride Ion Intrusion	---	96
Scaling Resistance - 50 Cycles	N/A	0
Federal Specification SSW110C Water Absorption	1.0%	0.3%

ASTM E514-86

TEST METHOD	MINIMUM	RS1750W
Reduction of Leakage Rate	N/A	86%

ORDER INFORMATION

PACKAGING

Available in one (1), five (5), thirty (30), and fifty-five (55) gallon containers.

COVERAGE RATES

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For precast concrete, architectural concrete, and synthetic stone, estimate 100 to 125 square feet per gallon of diluted product (500 to 625 square feet per gallon of concentrate).

For priming dilutions, coverage per gallon of concentrate is approximately double sealing operations. Check with architect or specifier for appropriate coverage rate.

SHELF LIFE

12-Month Shelf Life under proper conditions:

- 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

- Flammable liquid and vapor.
- Keep away from heat and flames.
- Use with adequate ventilation.
- View Material Safety Data Sheet (MSDS) before using material.
- Smoking in area where this material is used should be strictly prohibited.
- Keep out of reach of children.

SAFETY, Continued

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 2422 E. 15th St., Panama City, FL 32405 | 800-454-0340 | 850-769-0347 | Fax 850-913-8619

South Florida Sales Office 7000 W. Palmetto Park Rd., Ste 210-W14, Boca Raton, FL 33433 | 954-581-0771 | Fax 954-581-9516

West Coast Facility 417 E. Weber Ave., Compton, CA 90222 | 323-233-3111 | Fax 310-438-2873