



Penetrants Sealers, Repellants & Stains

RAINSTOPPER® 1750W CLEAR

DESCRIPTION

RAINSTOPPER® 1750W Clear is a micro-emulsifiable concentrate based on silanes and alkoxy silanes. 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

- V.O.C. compliant (less than 400 grams per liter minus water)
- Complies with Series II NCHRP 244 Report
- Meets SSW-II0C Federal Specification

RECOMMENDED OVER

Brick, masonry, stone, limestone aggregates, gravel, sand, flagstone, precast concrete, architectural concrete, stucco, synthetic stone.

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.

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 to 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.

Cleaning Method

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.

FOR BEST PERFORMANCE

- 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. (7.0 - 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 six months in sealed containers stored at 45°F to 100°F.
- TC does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

TECHNICAL DATA

Product Characteristics

- Appearance: Clear to light brown color concentrate
- Silane/Siloxane Content Percent: 100.0

- Flash Point: 77°F - Typical
- Weight Per Gallon U.S.: 8.51 lbs.

NCHRP 244 SERIES II		
TEST	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	MAXIMUM	RS1750W
Southern exposure chloride ion intrusion	--	96
Scaling resistance--50 cycles	N/A	0
Federal Specification SSW110C Water absorption percent	1.0	0.3

ASTM E 514-86		
TEST	MINIMUM	RS1750W
Reduction of leakage rate, %	N/A	86

ORDER INFORMATION

Packaging

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

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sealing operations. Check with architect or specifier for appropriate coverage rate.

Shelf Life

Twelve (12) month shelf life based on the following: containers sealed, upright and stored in a dry place. Maintain temperature at 45°F and rising to 100°F (7°C to 38°C); avoid freezing.

SAFETY

Flammable liquid and vapor. Keep away from heat and flames. 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 TC 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, TEX·COTE LLC 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. 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 available upon request.



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