



Penetrant Sealers, Repellants & Stains

RAINSTOPPER® 500 OPAQUE STAIN SEALER

DESCRIPTION

RAINSTOPPER® 500, a solvent based opaque resin stain, protects and preserves architectural substrates. After being treated, the substrates become resistant to staining, spalling, weathering, efflorescence, water intrusion, salt intrusion, fungi and mildews, deterioration,

freeze-thaw scaling and reinforcing steel corrosion.

FEATURES

- Penetrates concrete and masonry surfaces
- Low VOC protective coating for concrete surfaces
- Wide variety of colors

BENEFITS

- Resists stains, spalling, mildew and fungi
- Protects reinforcing steel
- Protects concrete surfaces from rain, UV, and salts
- Enhances surfaces appearance

RECOMMENDED OVER

- Structural concrete
- Architectural concrete
- Brush-hammered concrete
- Exposed aggregate concrete
- Concrete masonry
- Natural stone
- Cement stucco

APPLICATION

Installation

Concrete must have cured to design strength prior to application of the RAINSTOPPER® 500.

Surface Preparation

All surfaces must be sound, clean, dry and cured a minimum of 28 days prior to the application of the sealer.

Surface contaminants such as dust, dirt, mildew, form oils, curing agents and loose substrate materials should be thoroughly removed.

Large cracks, holes or voids must be filled with cement patching compound containing TEX-BOND Cement Adhesive. The patching compound finish texture should match the existing adjacent finish surface.

Smaller cracks may use TEX·COTE® acrylic patching compounds, FLEX-PATCH® or SKIM COTE. See technical data sheets for application information.

Absorption Testing

All surfaces must be able to adequately absorb RAINSTOPPER® 500. The sealer can be fully effective only when the solution is able to

penetrate into the concrete or masonry pores and capillaries. To determine the surface absorption characteristics, observe the rate at which a small drop of RAINSTOPPER® Sealer penetrates into the substrate. It will begin to penetrate immediately and be absorbed by the surface within a few seconds if the surface is sufficiently clean to allow penetration. If the surface retains an oil spot appearance, it must be cleaned.

Application Equipment

RAINSTOPPER® 500 can be applied by brush, roller or spray. The most effective method is to spray sealer onto the surface using 15 psi (103 kPa) low pressure positive displacement airless spray equipment. All spray equipment should be fitted with fan spray nozzles and then spray adjusted to a wet spray condition. 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 spraybar type unit and other areas sprayed with hand spray units. All spray equipment

should be designed for solvents. The spray equipment, tank, hoses, etc. should be thoroughly clean, free of water, foreign matter and oil residue prior to use for spraying RAINSTOPPER® 500. The coverage rate must follow the manufacturer's recommendations.

Application

Begin application at the top of the surface area requiring sealer and use vertical strokes to break the surface tension and initiate capillary action. Follow immediately with slow horizontal strokes with additional material in order to flood the surface. Horizontal surfaces will be completely flooded; vertical surfaces will have spray patterns that will run down 6" – 8" (152 – 203 mm) before soaking in when application rates are correct.

Substrate porosity of the material may require more than one application in order to satisfy the necessary absorption characteristics of the material surface.

If the applicator is unable to complete

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

Provide a 24-hour minimum cure under proper weather conditions between coats.

Special Requirements

- RAINSTOPPER® 500, Except CMU Substrates: Stir material well before applying to any substrate. When spraying, apply initial coat of stain as heavy as possible without excess sags or rundowns. Immediately go back over the surface with the second fog coat so that entire surface is uniformly wet to minimize lap marks. When spraying large areas, use single direction passes, feathering out to reduce overlap marks. Establish a breakline conforming to the surface design

breaks where possible. The first coat should not dry prior to the second coat application when spraying. Roller applied coats should cure 24 hours between first and second coat application.

- RAINSTOPPER® 500, CMU Substrates Only: All CMU surfaces require a first coat of RAINSTOPPER® 200 Heavy Duty sealer according to the recommended coverage rate requirements. Avoid all sags or rundowns. Allow 24 hour minimum cure time under proper weather conditions before applying RAINSTOPPER® 500.

Clean Up

Clean up wet overspray on glass, metal, or painted surfaces immediately while still wet using either mineral spirits, xylol or toluene. Do not delay cleanup because dry RAINSTOPPER® adheres tightly to surfaces.

Maintenance

No special maintenance of RAINSTOPPER®-protected surfaces is required. However, should any of the surfaces become soiled, clean with light water pressure and mild detergent.

FOR BEST PERFORMANCE

- RAINSTOPPER® 500 is a water repellent product. It is not intended to serve as waterproofing material.
- Approved material use is above-grade only. Do not use below-grade.
- Concrete and masonry substrates must be cured a minimum of 28 days prior to application of sealer.
- Topcoating of RAINSTOPPER® 500 with other paints or coatings can proceed following a minimum 72 hour curing time in acceptable environmental conditions.
- TCA does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.
- Roof and parapet top caps must be installed and sealed against water penetration prior to sealer application. Joint sealants must be in place and cured.
- Retaining walls, planter boxes and similar construction are waterproofed on the soil side
- Apply when rain is not imminent and surfaces are not damp or frozen; avoid freezing product
- Surface and ambient air temperature range is 40°F – 100°F (5°C – 38°C).
- Winds are 15 mph (24 kph) or less; high winds could interfere with application.

TECHNICAL DATA

Applicable Standards

- Water Vapor Transmission – ASTM E96 Procedure B — 1.93
- Permeance Perms – 5.57
- Crack Filling Capacity — Reduced Moisture Absorption – 37.5%
- Salt Spray Resistance – ASTM B117 — Fade Resistance Score – Excellent
- Accelerated Weathering – ASTM C67 — Absorption Score – Excellent
- Efflorescence – ASTM C67 — No Efflorescence – Excellent
- Scaling – ASTM C672 — Scale Resistance Score – Excellent

Table 2

Physical Property	Test Results
Solids, % by weight	77.7
Solids, % by volume	65.2
Weight per gallon / lbs.	10.8
VOC, grams/liter	<400

ORDER INFORMATION

Packaging

RAINSTOPPER® 500 is packaged in 5 gal (19 L) pails and 30 and 55 gal (114 and 208 L) drums.

Colors

Available in sixteen standard colors or custom colors by request. Deep tone colors may be subject to an upcharge.

Coverage Rates

The estimated coverage rates shown will vary according to the porosity of surface and surface conditions. Only complete and full saturation with the sealer material will satisfy the surface porosity of the substrate being treated. All testing is conducted at 125 square feet per gallon on concrete.

Shelf Life

Twelve (12) month shelf life based on the following: containers are sealed, upright and stored in a dry place. Maintain a temperature of 45°F and rising to 100°F (7°C to 38°C); avoid freezing. Any skins formed on surface of material must be removed prior to moving containers or mixing.

SAFETY

Provide adequate ventilation during and after application so that RAINSTOPPER® odors are not evident.

Product is flammable. Use reasonable care and caution. Do not store or use near excessive heat or open flame.

Sealers contain petroleum distillates,

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.

VOC COMPLIANCE

All TEX·COTE® products comply with federal and state Volatile Organic Compound (VOC) rules and regulations. May not be available in all areas. 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® 500 OPAQUE STAIN
SEALER



TEX·COTE®
TEXTURED COATINGS OF AMERICA, INC.

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