

Stone, Tile & Masonry Protector (STMP)

penetrating water, oil & stain repellent

DESCRIPTION AND USE

Stand Off® Stone, Tile & Masonry Protector (STMP) is a penetrating water, oil and stain repellent. This easy-to-use, low-odor protective treatment improves stain resistance and simplifies maintenance cleaning of interior and exterior stone, quarry tile, concrete and masonry surfaces. Surfaces treated with STMP resist staining from oil, food and waterborne matter while retaining their natural color, texture, and breathability.

ADVANTAGES

- Repels water and water-related stains.
- Easy soap and water clean up.
- Low odor suitable for interior application to occupied buildings.
- Fast drying – reduces down time.
- Treated surfaces “breathe” – does not trap moisture.

- Non film-forming, will not produce a slippery surface.
- Long-lasting, polymeric material suitable for interior and exterior applications.
- Complies with all known national, state and district AIM VOC regulations.
- Helps resist staining produced by:

Motor Oil	Hydraulic Fluids	Greases
Ketchup	Chewing Gum	Cola
Wine	Animal Greases	Juices
Food	Vegetable Oils	Coffee

Limitations

- Not suitable for masonry surfaces that are heavily laden with oils. Clean such surfaces with the appropriate Stand Off® cleaner before application of STMP.
- Will not compensate for structural defects or bridge cracks, gaps and voids.
- Not suitable for surfaces subjected to below grade water exposure.

STMP is recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.

Substrate	Type	Use?	Coverage
Architectural Concrete Block	Smooth	yes	75-125 sq.ft. 7-12 sq.m.
	Split-faced	yes	60-100 sq.ft. 6-9 sq.m.
	Burnished	yes	100-250 sq.ft. 9-23 sq.m.
	Smooth	yes	60-100 sq.ft. 6-9 sq.m.
Concrete	Brick	yes	100-200 sq.ft. 9-19 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick	yes	100-250 sq.ft. 9-23 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble, Travertine, Limestone*	Polished	yes	200-350 sq.ft. 19-33 sq.m.
	Unpolished	yes	200-350 sq.ft. 19-33 sq.m.
Granite	Polished	no	NA
	Unpolished	yes	100-250 sq.ft. 9-23 sq.m.
Sandstone	Unpolished	yes	100-250 sq.ft. 9-23 sq.m.
Slate	Unpolished	yes	150-300 sq.ft. 14-28 sq.m.

*Remove excess residue with mechanical buffing.

Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

TYPICAL TECHNICAL DATA

FORM: Straw-colored liquid
 SPECIFIC GRAVITY: 1.01
 TOTAL SOLIDS*: 3% ASTM D 2369
 pH: 8 - 8.5
 WT./GAL: 8.39 lbs.
 FREEZE POINT: 32°F (0°C)
 FLASH POINT: >212°F (>100°C)

VOC Information

US EPA: maximum VOC content 600 g/L
 CARB SCM Districts: maximum VOC content 120 g/L
 SCAQMD: maximum VOC content 120 g/L
 Maricopa County, AZ: maximum VOC content 400 g/L
 NEOTC: maximum VOC content 120 g/L

PREPARATION

Protect people, vehicles, property, plants and all nonmasonry from product, splash, fumes, residue and wind drift. Protect and/or divert pedestrian and auto traffic.

Thoroughly clean and rinse surfaces before applying STMP. Use the appropriate Stand Off® cleaner. Let cleaned surfaces dry thoroughly before application.

Surface and Air Temperatures

Should be at least 40°F (4°C) and expected to remain so for 4 hours after application. Surface and air temperatures should not exceed 90°F (32°C). On warm days, apply early in the day and to shaded areas.

Equipment

Use low-pressure (40 psi maximum) spray equipment, brush, roller or mop. **Do not atomize the material.**

APPLICATION

Before use, read “Preparation” and “Safety Information.”

ALWAYS TEST each type of surface for suitability and results before overall application. Test using the following application instructions. Let test dry thoroughly before inspection.

Dilution

Apply as packaged. **DO NOT ALTER OR BLEND** with other materials. Stir or mix well before use.

Application Instructions

Vertical Surfaces: Use low-pressure spray, brush, sponge or roller. Apply uniformly. Saturate the surface. Brush out heavy runs or drips thoroughly for uniform coverage.

Tile and Grout Sealing: Use brush, roller, sponge or other device for application to grout joints. A second coat may be applied 1 hour later. Avoid direct contact with water for 12 hours after material has dried. Within 24 hours of application, remove any residual haze on glazed tile by buffing with soap and water.

Horizontal Surfaces: On most flat surfaces, apply in a wet-on-wet saturating application. Sweep out puddles with a stiff bristled broom, or pick up with dry towel or mop.

Porous Surfaces: For optimum stain repellency on porous surfaces, a wet-on-wet application is recommended. Let the first application penetrate the masonry surface for 2-3 minutes. Resaturate the surface. Less material will be required on the second application. Extreme overapplication may change surface appearance.

Re-treatment: As with any oil and stain repellent, periodically re-treat the surface to maintain the original performance. Apply in the same manner as the original application.

Cure and Drying Time

Treated surfaces can be opened to traffic as soon as the surface is completely dry. Protect treated surfaces from direct water contact for 12 hours. Stand Off® STMP gains its oil-resistant properties in 48 hours.

Clean Up

Clean equipment immediately with soap and water. Remove overspray within 24 hours of application. Use mild soap and water.

Maintenance

Remove spills or stains from surfaces treated with STMP as soon as possible using Stand Off® Rinseless Cleaner or soap and water. Use Stand Off® Rinseless Cleaner for regular maintenance cleaning. Do not use harsh acidic or alkaline cleaners. Treated surfaces may be pressure washed up to 1000 psi with hot or cold water.

SAFETY INFORMATION

Warning. May cause irritation. Harmful if inhaled. Keep out of the reach of children. Read full label for precautionary instructions.

Precautions

Contains Aqueous fluorochemical dispersion. **Do not breathe mists.** Inhaling airborne mists from high-pressure spray applications may be harmful or fatal. Provide adequate cross-ventilation in interior applications. Protect passersby and building occupants from product, mists and wind drift. Shut down and cover ventilation systems that may allow mists into occupied building. May cause eye, skin and respiratory irritation. Avoid eye contact. Wear safety glasses or splash goggles depending on application procedures. Avoid prolonged skin contact. Wear rubber gloves and long-sleeved work clothing or splash-resistant clothing as needed. Wear a NIOSH-approved dust/mist respirator if mists are present.

Storage and Handling: Store in a cool, dry place. **Keep from freezing.** Do not reuse container or remove the label. **Do not aerosolize or atomize.** Use minimum effective pressure during application. Wash thoroughly after handling.

Do not alter, dilute product or use for applications other than specified. **If spilled,** keep from drains and soil. Absorb with inert media. Dispose of contaminated absorbent, container and product in accordance with local, state and federal regulations. Read the MSDS and label for additional cautionary information.

First Aid

Ingestion: Do not induce vomiting. Call a physician, emergency room or poison control center immediately.

Eye Contact: Rinse thoroughly for 15 minutes. Get medical assistance.

Skin Contact: Remove contaminated clothing and rinse thoroughly for 15 minutes. Seek medical assistance if persistent irritation develops. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. Get medical attention.

24-hour emergency information: INFOTRAC at 800-535-5053

Shelf Life: 1 year from the date of manufacture in tightly sealed, unopened container.

WARRANTY

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose.** The purchaser shall be responsible to make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of PROSOCO, its distributors or dealers.

CUSTOMER CARE

Factory personnel are available for product, environmental and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care - technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at www.prosoco.com, for the name of the Stand Off[®] representative in your area.

*PROSOCO Technical Data for nonreactive protective treatments reports Total Solids as measured by ASTM D 2369 - Standard Test Method for Volatile Content of Coatings. The active content is calculated based on raw materials used in the formulation. Active Content for this product is 3%.