



Stand Off®

STONE & TILE TREATMENTS

Limestone & Marble Protector

Stand Off® Limestone & Marble Protector is a clear, penetrating water and oil repellent suitable for use on interior or exterior calcareous surfaces such as limestone, marble and travertine. It's also suitable for many other types of masonry surfaces.

Limestone & Marble Protector penetrates deeply to provide surface and subsurface protection without forming a glossy surface film. Treated surfaces retain their natural color, texture and appearance.

Limestone & Marble Protector combines high quality siloxane resins with oleophobic resins to produce a penetrating water and oil repellent ideal for long-term protection against food, oil and waterborne staining. Unlike conventional penetrating oil repellent products, Stand Off® Limestone & Marble Protector has been modified to ensure effectiveness on limestone, marble and other calcareous or neutral pH surfaces.

TYPICAL TECHNICAL DATA

FORM	Clear, slight yellow liquid Mild petroleum odor
SPECIFIC GRAVITY	0.809
PH	not applicable
WT/GAL	6.73 lbs
ACTIVE CONTENT	12%
TOTAL SOLIDS	10% ASTM D 5095
VOC CONTENT	708 g/L
FLASH POINT	126° F (52° C) ASTM D 3278
FREEZE POINT	<-22° F (<-30° C)
SHELF LIFE	2 years in tightly sealed, unopened container

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-Hour Emergency Information:
INFOTRAC at 800-535-5053

ADVANTAGES

- Easy to maintain.
- Protects against oil and water.
- No surface buildup or gloss.
- Low odor.
- Treated surfaces “breathe” – does not trap moisture.
- Treated surfaces normally retain their natural color, texture and appearance.
- Ideal for treating shopping center and hotel floors, entry ways and pedestrian walkways.
- Helps resist staining produced by:

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

Limitations

- Not for application to asphaltic or painted surfaces.
- Surface coatings and paints applied over treated surfaces may not adhere.
- May darken some surfaces. Always test to determine that appearance of treated stone is acceptable.
- May damage glass, synthetic and reflective materials. Always protect.
- Not recommended for below-grade application.
- Will not prevent water penetration through structural cracks, defects or open joints.
- Not suitable for sale in states and districts with more restrictive AIM VOC regulations. Available in regulation-exempt small container sizes.

REGULATORY COMPLIANCE

VOC Compliance

Stand Off® Limestone & Marble Protector is compliant with the US Environmental Protection Agency's AIM VOC regulations. Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403).

Visit www.prosoco.com/voccompliance to confirm compliance with individual district or state regulations.

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PREPARATION

Protect people, vehicles, plants, nearby property and non masonry surfaces from contact with product, splash, spray, fumes, mists or wind drift. Divert pedestrian and auto traffic if necessary. Sure Klean® Strippable Masking is not appropriate for use with Limestone & Marble Protector.

All caulking, patching and joint sealants should be in place and cured to avoid interference with adhesion. Product will not compensate for material or structural defects.

Remove all dirt and surface contaminants with the appropriate PROSOCO cleaner. Do not use raw acids. Rinse thoroughly to remove all cleaning compounds and residues. Let surfaces dry thoroughly (at least 24 hours) and protect from pedestrian traffic before application.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrative protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. Always pretest to ensure desired results.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources or ignition during use and until all vapors are gone. When applying to exteriors of occupied buildings, make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment is shut down during application and until vapors have dissipated.

Surface and Air Temperatures

Surface and air temperatures should be at least 40° F (4° C) and less than 90° F (32° C) and expected to remain so for 4 hours following application. On warm days, apply early in the day and to shaded areas.

Equipment

Use low-pressure (40 psi maximum) spray equipment, brush or roller. Set power spray to lowest possible pressure. Do not atomize/vaporize the material. Use solvent-resistant equipment to avoid discoloration – do not use rubber hoses or gaskets.

When applying to flatwork, broom out puddles of excess material with a stiff-bristled broom.

Storage and Handling

Store in a cool, dry place away from potential ignition sources. Keep tightly closed when not dispensing. Do not alter or mix with other chemicals. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperatures of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

APPLICATION

Read “Preparation” and the Safety Data Sheet before use.

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Dilution & Mixing

Apply as packaged. Do not dilute or alter, or use for applications other than as specified.

Stir or mix well before use.

Typical Coverage Rates

Coverage varies based on surface porosity and texture. Always test. Coverage is in square feet/meters per gallon.

- *Porous Surfaces:* 100–150 sq.ft. / 9–14 sq.m.
- *Semi-Porous Surfaces:* 100–250 sq.ft. / 9–23 sq.m.
- *Non-Porous Surfaces:* 200–400 sq.ft. / 19–37 sq.m.

Application Instructions

Vertical Surfaces

Apply uniformly from the bottom of surface to the top with enough material to saturate the surface and create a slight rundown below the contact point of the spray pattern, brush or roller. Brush out heavy runs or drips thoroughly so that the material completely penetrates the surface.

Porous surfaces require a “wet-on-wet” application. Let the first application penetrate the masonry surface and then reapply (within 5 minutes) in the same saturating manner. Less material will be needed on the second application.



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Horizontal Surfaces

On flat surfaces, apply in a single saturating application. Use enough so the surface stays wet for about 2 to 3 minutes before the product penetrates the surface. Lightly broom puddles and use clean, absorbent towels to pick up excess material that does not immediately penetrate. Do not over apply. Surface buildup or prolonged puddling can cause discoloration.

Dense Surfaces

Apply a single coat. Use enough to completely wet the surface without creating drips, puddles or rundown. Do not over apply. Test for application rate. Buff off excess material as soon as possible after application.

Drying Time

Protect treated surfaces from vehicular and pedestrian traffic for at least 4 hours after treatment. Provide cross ventilation and fresh air to interior spaces for at least 8 hours after application. Protect treated surfaces from rainfall for 4 to 6 hours. Stand Off® Limestone & Marble Protector develops its oil-resistant properties in 24 hours and water-repellency properties in 72 hours.

Cleanup

Clean tools and equipment immediately with mineral spirits or an equivalent cleaning solvent. Remove over spray and spills as soon as possible.

Container may contain residues. Keep from ignition sources. Do not reuse.

Maintenance

Remove any spills or stains from surfaces treated with Limestone & Marble Protector as soon as possible using water or Stand Off® Rinseless Cleaner.

Surfaces maintained and detailed on a regular basis (every 4 to 6 months) by qualified stone professionals may be protected with an initial application of Limestone & Marble Protector at a coverage of 200 to 250 square feet per gallon. For best protection, selectively reapply in high traffic areas as part of scheduled maintenance and detailing. For surfaces maintained on an irregular basis, application rates should be controlled to 100–200 square feet per gallon.

BEST PRACTICES

ALWAYS TEST for best coverage rates and to confirm results before overall application. Test using the application instructions included herein. Let the test area dry thoroughly before inspection.

Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrative protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. Always pretest to ensure desired results.

Surfaces to be treated must be clean and dry. Remove all dirt and surface contaminants with the appropriate PROSOCO cleaner. Never use muriatic or other raw acids. Get accurate recommendations for appropriate masonry cleaners at www.prosoco.com, or by calling PROSOCO Customer Care at 800-255-4255.

Use low-pressure (40 psi maximum) spray equipment. Set power spray to lowest possible pressure. Do not atomize/vaporize the material. Use solvent-resistant equipment to avoid discoloration – do not use rubber hoses or gaskets.

On warm days, apply early in the day and to shaded areas.

For best protection of surfaces maintained and detailed on a regular basis (every 4 to 6 months) by qualified stone professionals, selectively reapply in high traffic areas as part of a scheduled maintenance and detailing program.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free, at 800-255-4255.

Graffiti Removal

While Stand Off® Limestone & Marble Protector provides graffiti resistance, refer to PROSOCO's Defacer Eraser® products for applications in high-exposure areas.

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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, environment 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 PROSOCO representative in your area.