



MANUFACTURER:

SaverSystems
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DESCRIPTION

MasonryDefender Advanced Water Repellent & Sealer is specifically designed to shield concrete and masonry surfaces from the harmful effects of water and waterborne chemicals. It effectively prevents water penetration and damage caused by water. MasonryDefender Advanced utilizes a unique polysiloxane compound that showcases exceptional performance, rivaling that of a solvent-based product. This specially formulated compound enables the water repellent to effectively penetrate through existing penetrating water repellents (water or solvent based). As a result, MasonryDefender Advanced offers reliable and long-lasting protection for concrete, brick, and stone surfaces, making it an excellent choice for both initial applications and retreatments.

The unique formulation is not a surface coating. It penetrates treated surfaces and bonds with the surface to provide long lasting protection against water penetration, even at hairline cracks. MasonryDefender Advanced will not significantly change or alter the color or appearance of compatible treated surfaces. MasonryDefender becomes water repellent after 4-6 hours of exposure to UV light and atmospheric moisture and increases in strength for several weeks after treatment. It is 100% vapor permeable and allows trapped water vapors to escape.

USES

MasonryDefender Advanced protects most vertical and horizontal exterior, above-grade masonry surfaces including Adobe; Architectural Concrete, Precast or Cast-in-Place; Clay Brick; Mortars; Natural Stone; Limestone; Granite; Sandstone; Terra Cotta; Exposed Aggregate Products; Portland Cement Stuccos and Concrete Masonry Units.

Natural substrate color and surface textures are unaffected, with little or no gloss created. Slight darkening may occur on dense surfaces. Testing is recommended before treating any surface to ensure desired results.

Surfaces treated with MasonryDefender Advanced may be painted with a high-quality oil-based paint. Testing is always necessary to ensure adhesion and compatibility.

ADVANTAGES

- Non-Glossy
- 100% Vapor Permeable
- Efflorescence/Stain Protection
- Polysiloxane Formula Can Be Applied Over Previous Water Repellents (Water & Solvent Based)

- Protects Against Water Intrusion from Wind-Driven Rain
- Freeze-Thaw Protection
- Water Based - Soap & Water Cleanup
- Zero VOCs

DIRECTIONS FOR USE

Before use, read all directions for preparation, application, and safety information. Always test each type of surface before application for suitability and desired results before proceeding with general application.

Weather Conditions: Do not apply if standing water, ice, or frost are visible on the surface to be treated. Do not proceed with application of MasonryDefender Advanced when temperature of surface, air and material is below 40° F or greater than 110° F, or when rain and/or temperatures below 40° F are predicted within 6 hours after application.

Limitations: Do not use on asphalt-based material and surfaces. Do not apply to painted or glazed brick or tiles. This product is not intended for interior use or for resistance to hydrostatic pressures.

Surface Preparation: Application must be to clean, structurally sound, visibly dry surfaces. Remove dust, dirt, grease, oils, efflorescence, wax, curing compounds, coatings or other foreign matter that might block or interfere with product penetration. For best results, cure new masonry a minimum of 28 days, and at least 72 hours after repairs or tuck pointing before applying product. Test a small area of surface before starting general application to assure desired results and coverage rates. Make all necessary repairs, including defects, which allow water to enter the wall assembly such as: structural cracks, faulty roofing, copings, flashings, expansion joints, mortar joints and sealants.

Protect all adjacent glossy surfaces, paint films, windows, plant life, asphalt-based material and all other non-targeted surfaces from overspray and run-down.

APPLICATION

Vertical: Agitate before using. Test small area of surface before starting general application to ensure desired results and coverage rates. Apply from bottom up using a low-pressure sprayer (10-25 psi), or by roller with a minimum 3/8" nap. Flood surface until excess runs down 6 to 8 inches below spray or roller pattern. For maximum penetration and desired coverage rates, a wet-on-wet application is recommended; retreat within 3 to 5 minutes after initial application. A wet treated surface may be agitated with a soft bristle scrub brush to ensure more even distribution and greater penetration. Protect all adjacent glossy surfaces, paint films, windows, plant life, asphalt-based materials and all other non-targeted surfaces from overspray and rundown. Remove overspray from non-targeted surfaces immediately with soap and water. Apply to southern exposed areas during coolest part of day.

Horizontal: Agitate before using. Apply a single flood coat using sufficient material so that the surface remains wet for a few minutes before final absorption occurs. If additional material is required to reach the desired coverage rate, a wet-on-wet application can be used. Avoid puddling or ponding; brush or broom to spread material to more porous areas. If applicable, block all drains and use absorptive coverings to contain runoff of excess material. Use soap and water to remove overspray as soon as possible.

Drying time: Two to six hours, depending on temperature and humidity.

Note: Product may cause darkening of pre-existing stains on masonry or concrete.

Coverage: Coverage rates will typically range from 90-150 sq. feet per gallon depending upon surface porosity. See coverage rate section. Do not thin product.

CLEAN UP

Thoroughly rinse the equipment with soap and water. Rinse thoroughly.

CAUTIONS

Keep out of reach of children. Eye and skin irritant. Avoid contact with eyes, skin, and clothing. Wash hands and all exposed skin thoroughly with soap and water after handling. Do not swallow.

Caution: Accumulation of product on ladders, scaffolding, etc. may result in a slippery surface.

FIRST AID

In case of eye contact: immediately flush with water for 15 minutes. Call a physician. **For skin:** flush with water. Wash clothing before reuse. **Breathing:** remove to fresh air. Excessive exposure to vapors can cause irritation to nose and throat. **If swallowed:** call a physician immediately. For additional information, consult the SDS for this product available at MasonryDefender.com.

LIMITED 7 YEAR WARRANTY

For your warranty to be activated, you must register on masonrydefender.com. Our recommendations for use of this product are based upon tests believed to be reliable. Since field conditions vary widely, the user must determine the suitability of the product for the particular use and specific method(s) of application. SaverSystems warrants that MasonryDefender Advanced Water Repellent & Sealer will exhibit a water repellent effect on vertical concrete or masonry surfaces for seven (7) years from the date of application when properly applied according to label instructions and if minimum application requirements are met. This warranty does not cover pre-existent flaking, spalling, abrading, faulty construction and/or other defects which might erode treated surfaces. If water repellent fails to perform as specified, SaverSystems will furnish, as the sole remedy, enough water repellent to correct the condition. This warranty does not include labor, or the cost of labor for the reapplication of water repellent. SaverSystems shall not be liable for incidental or consequential damages resulting from any breach of this warranty and fitness for use. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

PACKAGING

Available in 1-gallon recyclable containers.

TRANSPORT AND HANDLING

MasonryDefender Advanced is not considered hazardous under Department of Transportation (DOT) regulations. Do not stack pallets. **Keep from freezing.** Store in a cool place. Always seal container after dispensing. Dispose of unused product and containers in accordance with local, state, and federal regulations. See SDS for additional information on transportation, storage, and handling.

MAINTENANCE

Remove all contaminants which might stain or abrade treated surfaces as quickly as possible to minimize staining or abrasion. Occasional cleaning with mild detergent and water will generally restore treated surfaces to original appearance.