

MANUFACTURER:

SaverSystems
Richmond, IN 47374
800-860-6327
Fax: 765-935-4999
www.masonrysaver.com

DESCRIPTION

MasonrySaver All Purpose Heavy-Duty Water Repellent is a penetrating, V.O.C. compliant water repellent and 'chloride screen' that contains SaltShield®, an optimized blend of silane/siloxane. This water-based blend penetrates concrete and masonry up to 1/4 inch or more depending on surface porosity and moisture content at the time of application. MasonrySaver All Purpose Heavy-Duty Water Repellent reacts with the minerals in concrete and masonry in the presence of ultraviolet light and atmospheric moisture. This reaction forms strong permanent bonds beneath the surface and creates a hydrophobic zone that prevents water molecules from penetrating, while allowing free migration of water vapors. The chemical bonds formed in this process allow MasonrySaver All Purpose Heavy-Duty Water Repellent to become an integral part of the substrate and provide long term water repellent protection.

USES

MasonrySaver All Purpose Heavy-Duty Water Repellent protects most vertical and horizontal exterior, above-grade 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. Product is breathable and will not alter surface color or appearance. It is ideally suited for use on concrete where chloride ion protection is needed including: driveways, sidewalks, architectural concrete; precast or cast in place, mortars, 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 MasonrySaver All Purpose Heavy-Duty Water Repellent may be painted with a high quality oil-based paint. Testing is always necessary to ensure adhesion and compatibility.

ADVANTAGES

- 7 Year Warranty
- Protection from De-Icing Salts and Chloride Ions
- Non-Glossy
- 100% Vapor Permeable
- Efflorescence/Stain Protection
- Protection from Acid Rain and Waterborne Chemicals
- Mildew/Fungus Resistant
- Freeze-Thaw Protection

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: Surface and air temperatures should be a minimum of 40°F and a maximum of 100° F for three hours following application. Do not apply to frozen or frost covered surfaces. Do not apply to wet or water saturated surfaces, or when rainfall is expected within six hours unless adequate protection with a polyethylene film, or its equivalent, is provided.

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, dry to slightly damp surfaces. Remove dust, dirt, grease, oils, efflorescence, wax, curing compounds, coatings or other foreign matter that might block or interfere with product penetration. Cure new masonry a minimum of 28 days and wait 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. Apply from bottom up using a low pressure sprayer (10-25 psi) with a fan type nozzle. Flood surface until excess runs down six to eight inches below spray. For maximum penetration and desired coverage rates, a wet on wet application is recommended; retreat within three to five 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. Remove overspray immediately with soap and water.

Horizontal: Agitate before using. Apply a single application with low pressure sprayer so that surface remains wet for two to three minutes before final absorption. Avoid puddling or ponding; brush or broom to spread material until it thoroughly penetrates the surface. Block all drains and use absorptive coverings to contain run-off 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: Over application of material may cause darkening of surface. Product will cause stains left on surface being treated to darken. Remove all stains before applying.

Coverage: Coverage rates will typically range from 90-150 sq. feet per gallon depending upon surface porosity.

CLEAN UP

Thoroughly rinse spray equipment with clean water.

CAUTIONS

Keep out of reach of children. Fire hazards are eliminated since MasonrySaver All Purpose Heavy-Duty Water Repellent is water-based and does not contain combustible or flammable, volatile organic solvents. Eye and skin irritations are greatly reduced. There is less risk to surrounding vegetation during application, and overspray on non-targeted areas can be easily removed with soap and water.

Respiratory protection is not generally required during normal use and handling. Avoid breathing mists; the need for respiratory protection should be evaluated if material is sprayed in heated or poorly ventilated areas. The use of protective gloves and chemical splash goggles is recommended. Wash thoroughly after handling.

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

FIRST AID

If inhaled: Ensure fresh air breathing. Allow the victim to rest.
If swallowed: Rinse mouth. Obtain emergency medical attention.

For skin contact: Rinse using water.

For eye contact: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

For additional information for this product, consult the Safety Data Sheet available at www.masonrysaver.com.

LIMITED WARRANTY

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 MasonrySaver All Purpose Heavy-Duty Water Repellent will exhibit a water repellent effect on vertical surfaces for seven 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 re-application 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, 5, 30, and 55 gallon containers.

TRANSPORT AND HANDLING

MasonrySaver All Purpose Heavy-Duty Water Repellent is not considered hazardous under Department of Transportation (DOT) regulations. Do not stack pallets. **Keep from freezing.**

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.

PHYSICAL PROPERTIES

COLOR Milky White
COMPOSITION Proprietary modified siloxane/silane
SOLVENT Water
WEIGHT Approx. (8.3 lb/gallon)
PENETRATION 1/16"-1/4" Depending on substrate
VOC CONTENT 6 g/lit (EPA METHOD 24)
SHELF LIFE 36 months when unopened
YELLOWING None
SURFACE APPEARANCE AFTER APPLICATION
. Unchanged to slight darkening

TECHNICAL DATA

TEST RESULTS
SS-W-110-C (92%) Water absorption reduction
NCHRP 244 SERIES II (90%)
ASTM G 53-88 (3000 hrs.) No loss in water repellency
OHD-L-35 (100%) (Water vapor permeable)
ASTM C 67-91 Section 10 Excellent, no efflorescence on treated specimens

COVERAGE RATES

(Sq. /Ft. per coat)
Brick Wall (porous) 100 - 150
Brick Wall (dense) 150 - 200
Concrete (normal) 75 - 125
Concrete Block (porous) 50 - 125
Stucco 75 - 150
Limestone/Sandstone 75 - 150