

MANUFACTURER:

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DESCRIPTION

ChimneySaver Water-Base Water Repellent is a penetrating, V.O.C. compliant, water repellent which contains a proprietary modified siloxane. This water-based siloxane penetrates masonry up to 1/4 inch or more depending on surface porosity and moisture content at the time of application. ChimneySaver Water-Base Water Repellent reacts with the minerals in 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 ChimneySaver Water-Base Water Repellent to become an integral part of the substrate and provide long term water repellent protection.

USES

ChimneySaver Water-Base Water Repellent 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 ChimneySaver Water-Base Water Repellent may be painted with a high quality oil-based paint. Testing is always necessary to ensure adhesion and compatibility.

ADVANTAGES

- 10 Year Warranty
- Non-Glossy
- 100% Vapor Permeable
- Efflorescence/Stain Protection
- Protects against water intrusion from wind-driven rain
- Mildew/Fungus Resistant
- Freeze-Thaw Protection
- Complies with all known national, state, and district AIM VOC regulations

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, 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. Apply from bottom up using a low-pressure sprayer (10-25 psi) with a fan type nozzle, or by roller with a minimum 3/8 inch nap. Flood surface until excess runs down six to eight inches below spray or roller pattern. 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 inadvertent overspray from non-target surfaces immediately with soap and water.

Horizontal: Agitate before using. Apply a single application with low pressure sprayer, or a deep nap roller 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 inadvertent overspray from non-target surfaces 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 spray equipment with clean water. Clean rollers with soap and water. Rinse thoroughly.

CAUTIONS

Keep out of reach of children. Respiratory protection is not generally required during normal use and handling. Avoid breathing mists; the need for respiratory protection (NIOSH approved) should be evaluated if material is sprayed in 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: Assure 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.chimneysaver.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 ChimneySaver Water-Base Water Repellent will exhibit a water repellent effect on vertical

surfaces for ten years from the date of application when properly applied by a professional contractor 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 3, 5, 30, and 55 gallon recyclable containers.

TRANSPORT AND HANDLING

ChimneySaver Water-Base Water Repellent 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.

PHYSICAL PROPERTIES

COLOR Milky White
COMPOSITION Proprietary modified siloxane
SOLVENT Water
WEIGHT (8.34 #/gallon)
PENETRATION 1/16"-1/4" Depending on substrate
VOC CONTENT 50.6 (EPA METHOD 24)
SHELF LIFE 36 months
YELLOWING None
SURFACE APPEARANCE AFTER APPLICATION
..... Unchanged

TECHNICAL DATA

TEST RESULTS

ASTM C 67-91 Section 7 (96.9%)
(Water absorption reduction)
ASTM C 140-91 (91.29%)
ASTM C 97-90 0.81.7% Federal Specification
SS-W-110-C-3.5 (92%)
Average absorption (Exceeds min. criteria by 41%)
OHD-L-35 (100%) (Water vapor permeable)
ASTM C 67-91 Section 10 Excellent, no
efflorescence on treated specimens
ASTM G 53-88 (3000 hrs.) No loss in water repellency
ASTM E 514-86 (99.9%) Reduction in leakages

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