

DEFY EXTRA-STRENGTH WATER SEALANT

PRODUCT DATA

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DESCRIPTION

DEFY Extra-Strength Water Sealant is a clear, solvent-based silicone elastomer formulated for concrete block and other highly porous masonry with minimal altering of the natural appearance. DEFY Sealant penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering. DEFY Water Sealant has excellent UV stability and provides long-lasting protection.

USES

DEFY Extra-Strength Water Sealant is excellent for use over siliconized acrylic concrete stains to insure a water-tight finish. It can also be used on smooth split-faced and ribbed concrete block, concrete brick, and fired clay brick. Product is not suitable for many dense masonry and concrete surfaces. Will slightly darken and add a slight gloss to surface being treated. Always test before general application to ensure desired result.

BENEFITS

- Effective on hard-to-seal surfaces
- Controls water penetration
- Controls moisture related staining
- UV and temperature stable

Limitations: Do not use on extremely dense or polished surfaces. Not suitable for asphalt surfaces. Not recommended for below grade applications. Will not prevent water penetration through structural cracks, defects, or open joints.

DIRECTIONS

Preparation: Protect all non-target surfaces that may come in contact with the product. Use polyethylene or other tested material for protecting non masonry surfaces such as metal, glass, foliage and painted surfaces. During use, avoid wind drift that may injure pedestrians, damage vehicles or adjacent properties. Avoid breathing fumes. When product is applied to occupied buildings, all air intakes and air conditioning vents that may come in contact with the product or fumes should be covered. Air handling equipment should be shut down throughout the application process and remain covered until surfaces are visibly dry or until odor has dissipated. Avoid exposing building occupants to fumes. Maintain adequate ventilation if working on interior surfaces.

Weather Conditions: Do not proceed with an application when rain and/or temperatures below 40° F are predicted within 4 hours after application, when substrate is frozen, or when surface temperature is less than 40° F or higher than 90° F. Do not proceed with application unless surface is thoroughly dry.

Surface Preparation: Any surface to receive an application should be clean and dry. Absorbed moisture should not be present. New construction should be cured for a period not less than 28 days. If necessary, the

surface should be thoroughly cleaned to remove dust, dirt, oil, and wax, curing compounds, efflorescence, coatings and other foreign materials. The surface may need to be swept and/or washed to remove the above mentioned foreign materials in order to expose a clean and sound surface (if wash method is used, allow 3 days drying time). Chemicals or other cleaning compounds used to facilitate the removal of these foreign materials must be thoroughly removed before applying the product.

Application Methods: Equipment: Apply by airless or low-pressure spray (20 psi). Spray equipment should be equipped with fittings and gaskets suitable for solvent solutions. For airless sprayers use tip sizes between .011 and .015. Before applying product, read "Precautionary Measures" under Safety Information.

Pre-Testing: ALWAYS TEST each type of surface before overall application to ensure suitability and desired results. Apply test area according to the following application procedures. Allow area to dry thoroughly before inspection and approval.

NOTE: Lightweight block and extremely porous masonry will require two coats. See instructions under Second Coat Application. When using over concrete stains only one coat is necessary. Do not dilute or alter product in any way.

1. Stir thoroughly before use. Keep container tightly sealed until ready to use. Product should be applied by using a "wet-on-wet" application.
2. Start at the bottom and apply in a saturating spray. Allow sufficient material to create a 6" to 8" rundown below the contact point.
3. For substrates that require a second coat, allow the first application to penetrate the masonry surface for approximately 2 to 3 minutes and then re-apply in the same saturating manner. Less material will be required on the second application.

NOTE: When spraying fluted architectural block, spray in an "overlapping X-pattern" to ensure complete coverage of recessed surfaces.

Second Coat Application: Some surfaces may require 2 coats of DEFY Water Sealant to provide maximum protection. When applying 2 coats, the second coat should be applied as soon as the first coat is dry to touch, or within 2 hours of the first coat. Allowing more than 2 hours between coats will reduce effectiveness of second coat. DEFY Professional treatments will require 24 hours to develop full, water resistant properties.

Painting Treated Surfaces: Product is compatible with most oil-base paints, however, adhesion of water-base paints may be adversely affected when painting over surfaces treated with DEFY Water Sealant. A small test area should be painted to ensure good adhesion and desired results.

Coverage Rates: Coverage rates will range from 40 to 80 sq. ft./gal, depending upon surface porosity and texture. When treating fluted, scored and split-face architectural block, allow for reduced coverage due to increased surface area. When treating heavily-textured surfaces, material requirements should be determined by test applications.

HEALTH AND SAFETY

Danger! Combustible. Harmful or fatal if swallowed. Vapor harmful, causes irritation. For use by professional applicators only. Keep out of the reach of children.

Precautionary Measures: Contains mineral spirits. Handle carefully. Avoid sparks by turning off all electric motors and extinguishing all pilot lights and smoking materials. Do not use near fire or extreme heat. Vapors may ignite explosively and may travel along ground or by ventilation to ignition sources far from container. Avoid breathing fumes. Applicators should wear NIOSH/MSHA approved respirators. Provide good cross ventilation using explosion-proof ventilation equipment, until surfaces dry thoroughly. Avoid buildup of solvent fumes. Keep containers closed. Do not get in eyes, on skin or clothing. Wear eye protection and protective clothing. Wash thoroughly after handling. Dispose of all empty containers according to federal, state and local regulations. Use only as specified. Do not use for any other purpose.

First Aid Instructions: Inhalation Treatment: Remove to fresh air and provide oxygen if breathing is difficult. Call a physician.

Skin Contact Treatment: Wash with soap and water. Remove contami-

nated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.

Eye Contact Treatment: Flush with plenty of water for at least 15 minutes and call eye specialist or other physician. Ingestion Treatment: If swallowed, call a physician immediately. ONLY induce vomiting at the instructions of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs, which can cause potentially fatal chemical pneumonia. Never give anything by mouth to an unconscious person.

Fire Action and Explosion Hazard Data: Flash Point: 125° F (minimum temperature at which fuming is sufficient for ignition). In case of fire, use foam, dry chemical, CO₂, water spray or fog. Cool containers with water spray to prevent explosion.

Spill or Leak Procedures: In case of spill or leak, do not use water. Soak up residue with a noncombustible absorbent, such as clay, and place in drums for proper disposal. Eliminate sources of ignition, wear protective equipment. Collect spill for disposal, avoid discharge to sewers or water ways. Dispose of in compliance with local, state and federal regulations.

Container Handling and Storage: Store containers in an upright manner to prevent leakage. Keep containers out of sun and away from heat. Storage at warm temperatures may cause buildup of pressure. Do not cut, drill, grind or weld on or near this container. Do not drop container or slide it across sharp objects. Keep lights, fire and sparks away from containers. Never use pressure to empty; containers are not designed to withstand pressure. Container must not be washed out or used for other purposes. Since emptied containers retain product residue, follow label warnings even after container is emptied. Replace cap and seal tightly after each withdrawal to avoid contamination and gelling. DEFY Water Sealant can be stored in a tightly sealed, unopened container for up to 12 months. Once opened, product should be used immediately.

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 DEFY Water Sealant will exhibit a water repellent effect for ten years from the date of application if applied according to label instructions and if minimum application requirements are met. Note that warranties are issued on an individual job basis only and require notification to SaverSystems prior to product application as well as compliance with the requirements of the SaverSystems' limited warranty program. Contact your sales representative or SaverSystems for additional information on warranties.

This warranty does not cover pre-existent flaking, spalling, abrading, faulty construction and/or other defects which might erode treated surfaces. If water sealant fails to perform as specified, SaverSystems will furnish, as the sole remedy, enough water sealant to correct the condition. This warranty does not include labor, or the cost of labor for the re-application of water sealant. 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.