

DEFY EPOXY FORTIFIED PAVER SEALER

PRODUCT DATA

DEFY Epoxy Fortified Paver Sealer

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DESCRIPTION

Defy Epoxy Fortified Paver Sealer is a durable, water-based, clear sealer designed to protect and beautify both clay brick and cement patio type paver stones. Defy Epoxy Fortified Paver Sealer is formulated utilizing an epoxy fortified acrylic resin that provides protection from both water and the ultra-violet light of the sun.

USES

Defy Epoxy Fortified Paver Sealer can be used on most types of horizontal, above grade concrete applications including: clay brick, clay paver stones, cement paver stones and natural stone.

BENEFITS

- Protection from water damage
- Protection from UV degradation
- Protection from de-icing salts & chemicals
- Freeze/thaw protection
- Mildew/fungus protection
- Provides a rich, "wet look" to stone & concrete
- Suitable for areas subjected to hot tire exposure

Limitations: Do not use over extremely dense or polished surfaces. It is not suitable for use over asphalt surfaces. This product is designed for horizontal surfaces only. Do not use on below grade applications that are subject to severe hydro-static pressures. Defy Epoxy Fortified Paver Sealer will not prevent water penetration through structural cracks, joints, or defects. The application of this product will reduce the vapor transmission rate of the substrate, which can result in a "blushing" effect to the surface during extremely moist conditions. Excessive moisture within the substrate can cause peeling.

DIRECTIONS FOR USE

PREPARATION: Protect all non-targeted surfaces that may come into contact with the product. Use polyethylene or other tested material for protecting other surfaces, such as glass, foliage, siding, or painted surfaces. Cover all openings including windows and doors prior to application. During use, avoid wind drift that may injure pedestrians, damage vehicles, or adjacent properties. Remove any overspray immediately with soap and water. Dry film can be removed from windows using a razor scraper.

WEATHER CONDITIONS: Do not proceed with application if any of the following occur: temperature falls below 50°F or rainfall is predicted within 8 hours of application, or when surface is frozen. Application should only be made when surface temperature is between 50-90°F and is thoroughly dry.

SURFACE PREPARATION: When using, surface to receive application should be clean and dry. Absorbed moisture should not be present. New construction should cure for a period of not less than 28 days and

should be clean and dry. If necessary, the surface should be thoroughly cleaned to remove dust, oil, 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. When coating concrete, the concrete should first be etched using either DEFY Safer Masonry Cleaner or Muriatic acid to insure proper adhesion. Concrete interlocking pavers do not require etching. If wash method is used, allow a minimum of 3 days drying time before coating. Chemicals or other cleaning compounds used to facilitate the removal of these foreign materials must be removed thoroughly before applying the product.

APPLICATION METHODS

Equipment: Apply by airless or low pressure spray (20 psi), brush or roller. For airless sprayers, use tip sizes between .011 and .015. Two thin coats (2-3 mils DFT) as opposed to one heavy coat will provide the best results.

Pre-Testing: ALWAYS TEST each type of surface before application to ensure suitability and desired results. Apply a test according to the following application procedures. Allow area to dry thoroughly before inspection and approval. Defy Epoxy Fortified Paver Sealer will darken the surface and produce a gloss sheen.

Application: Apply two coats of material to the area to be treated, allowing the first coat to dry completely, approximately 2 hours, before applying the second coat. Avoid puddling and/or ponding of the product on the surface. Brush or roll product out until it is evenly disbursed and all puddles are removed. Less material will be required on the second coat than was required on the first coat.

Coverage Rate: Cement Pavers: 75-150 sq. feet per gallon.

Clay Pavers: 150-200 sq. feet per gallon. Actual rates will vary widely due to substrate porosity.

Clean-Up: Thoroughly rinse spray equipment with clean water. Clean brushes and rollers with soap and water. Rinse thoroughly. Do not allow Defy Epoxy Fortified Paver Sealer to dry completely on applicators as it may become difficult or impossible to remove.

CAUTIONS

Keep out of reach of children. Coated surfaces may become slippery. A non-skid additive should either be added to the product or broadcast over the surface while wet in this situation. It is the sole responsibility of the applicator to determine whether a non-skid additive should be used.

First Aid: If swallowed, drink milk or water; do not induce vomiting. Call physician immediately. For skin contact: wash thoroughly with soap and water; if irritation persists, get medical attention. For eye contact: Flush immediately with water, then remove any contact lenses. Continue to flush eyes with water for at least fifteen minutes.

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. Due to the fact that SaverSystems has no control over surface preparation and application methods, no guarantee as to results is offered, expressed or implied. SaverSystems warrants this product to be free from defects. SaverSystems liability shall be limited in all events to supplying enough product to re-treat the specific areas to which defective product was applied. This warranty does not include the cost of labor for application. SaverSystems shall not have any other liability including direct, incidental, or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so this limitation or exclusion 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 and 5 gallon recyclable plastic containers.

TRANSPORT AND STORAGE

Defy Epoxy Fortified Paver Sealer is not considered hazardous under the 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 and abrasion. Occasional cleaning with a mild detergent will generally restore treated surfaces to their original appearance. When Defy Epoxy Fortified Paver Sealer begins to appear worn from the surface, a single maintenance coat of material may be applied once surface has been properly prepared. Avoid applying a maintenance coat more frequently than every 18 to 24 months to avoid excessive build up of sealer on the surface. When build up of product does become excessive, surface should be thoroughly stripped of product followed by an application of two thin coats (2-3 mils DFT) of material.

PHYSICAL PROPERTIES

COLOR.....	Milky white
COMPOSITION.....	Water-based (Epoxy Fortified Acrylic)
SOLIDS BY WEIGHT.....	(20% +.5%)
SPECIFIC GRAVITY, AT 25° C.....	(1.001)
WT./GAL.....	Approx. (8.4#/gallon)
FLASH POINT.....	None
VOC CONTENT	
(EPA METHOD 24).....	(220 gr./lt.)
SHELF LIFE.....	24 months in original sealed container
YELLOWING.....	None
SURFACE APPEARANCE	
AFTER APPLICATION.....	Surface will darken. Gloss finish