

# DEFY ACRYLIC WATERPROOFING SEALER

## PRODUCT DATA

### DEFY Acrylic Waterproofing Sealer

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## DESCRIPTION

DEFY Acrylic Waterproofing Sealer is a clear, water-based non-yellowing acrylic sealer formulated for use on above grade interior masonry or exterior non-porous aggregates such as brick, stone, smooth masonry, stucco, adobe, drywall, plaster, galvanized metal, vinyl siding, plywood, pressed board, wafer board, and other moderately dense substrates.

## USES

DEFY Acrylic Waterproofing Sealer is excellent for use over smooth, dense brick or concrete surfaces to insure a water tight finish. It can also be used as an additive to acrylic latex paints to help improve adhesion over all painted or unpainted surfaces, including masonry, concrete, block, wood, masonry, or aluminum siding. DEFY Acrylic Waterproofing Sealer is particularly useful in strengthening adhesion to chalky painted surfaces.

## BENEFITS

- Reduces water penetration
- Efflorescence protection
- Add to paint for improved adhesion and water resistance
- Great as primer over chalky surfaces
- Cost effective protection against moisture

**Limitations:** Do not use over extremely dense or polished surfaces. Do not use on extremely porous surfaces. It is not suitable for use over asphalt surfaces. Nor is it recommended for below grade application. DEFY Acrylic Waterproofing Sealer will not prevent water penetration through structural cracks, defects, or open joints. The application of DEFY Acrylic Waterproofing Sealer 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. Do not use on horizontal surfaces.

## DIRECTIONS FOR USE

Surface and air temperatures should be between 50°F. and 90°F. Do not apply to frozen or frost covered surfaces. Application must be to thoroughly dry surfaces. Do not apply to wet or water saturated surfaces, or when rainfall is expected within eight hours. Do Not Use On Horizontal Surfaces.

## APPLICATION

**Surface Preparation:** When used as a sealant, any surface to receive 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 and should be clean and dry. If necessary, the surface should be thoroughly cleaned to remove dust, dirt, oil, wax, curing compounds, efflorescence, coatings and any 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 removed thoroughly before applying the product.

**Equipment:** Apply by airless or low pressure spray (20 psi). For airless sprayers, use tip sizes between .011 and .015.

**Pre-Testing:** ALWAYS TEST each type of surface before application to ensure suitability and desired results. Apply a test area according to the following application procedures: Allow area to dry thoroughly before inspection and approval. DEFY Acrylic Waterproofing Sealer will cause a slight darkening effect to the substrate and, in most cases, will produce a slight sheen.

**Note:** DEFY Acrylic Waterproofing Sealer may not be effective on extremely porous or lightweight masonry surfaces. In those cases, consult with your local representative for a recommendation on a more suitable product for your application. Depending on porosity, additional coats of DEFY Acrylic Waterproofing Sealer may be required. Do not dilute or alter product in any way.

## Application Methods for Masonry Surfaces:

**Step One:** Stir thoroughly before use. Keep container tightly sealed until ready to use. DEFY Acrylic Waterproofing Sealer goes on a milky white color but dries to a clear finish.

**Step Two:** Start at the bottom and apply in a saturating spray. Allow sufficient material to create a 6 to 8 inch rundown below the contact point. Always back-roll to assure proper penetration and to achieve a uniform application. When stopping, break at a corner or natural break point. Avoid stopping in the middle of a wall as lap marks may occur.

**Step Three:** When applying the second coat, allow the first application to dry for approximately two hours before proceeding and then reapply in the same manner as the first coat. Less material will be required on the second application. In the case of extremely porous substrates, additional applications may be necessary.

**Painting Treated Surfaces:** Product is compatible with all water-based acrylic paints and can be painted after a minimum of two hours curing time.

**Coverage Rate:** Coverage rates will range from 80-150 sq. feet per gallon when used as a water sealant, depending upon surface porosity and texture. When treating more porous substrates, material requirements should be determined by test applications.

**Chalky Painted Surfaces:** DEFY Acrylic Waterproofing Sealer will improve the adhesion of acrylic latex paint over chalky surfaces.

**As A Paint Additive:** DEFY Acrylic Waterproofing Sealer can be added to acrylic latex paint to improve adhesion over chalky surfaces. When using as a paint additive, mix one part of DEFY Acrylic Waterproofing Sealer to 20 parts acrylic latex paint. (1 quart DEFY to 5 gallons of paint) Be certain to mix thoroughly before and during application. It is recommended that a quart sample be mixed and applied to a test area prior to proceeding to ensure the desired results. Follow all paint manufacturer's recommendations when applying paint that has been mixed with DEFY Acrylic Waterproofing Sealer.

**Drying Time:** One to two hours depending on temperature and humidity.

**Clean-Up:** Thoroughly rinse spray equipment with clean water. Clean rollers with soap and water. Rinse thoroughly.

## CAUTIONS

**Keep out of reach of children.** 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. Accumulation of product on ladders, scaffolding, decks, etc. may result in a slippery surface.

**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. See MSDS for additional information on this product.

## 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 manufacturing defects.

SaverSystems' liability shall be limited in all events to supplying enough product to re-treat the specific areas to which defective product has been 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

DEFY Acrylic Waterproofing Sealer is available in 1, 5, 30 and 55 gallon recyclable containers.

## TRANSPORT AND STORAGE

DEFY Acrylic Waterproofing Sealer 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.....                | Water-based (Acrylic)                                    |
| SOLIDS BY WEIGHT.....           | (10% +.5%)   |
| SPECIFIC GRAVITY, AT 25° C..... | (.9952)  |
| WT./GAL.....                    | Approx. (8.30 #/gallon)                                  |
| FLASH POINT.....                | None   |
| VOC CONTENT(EPA METHOD 24)..... | (60 gr./lt.)   |
| SHELF LIFE.....                 | 18-24 months<br>in original sealed container             |
| YELLOWING.....                  | None   |
| SURFACE APPEARANCE              |  |
| AFTER APPLICATION.....          | Slight darkening<br>.....to sheen depending on substrate |