

DEFY COMPOSITE DECK WATERPROOFING SEALER

PRODUCT DATA DEFY Composite Deck Waterproofing Sealer

MANUFACTURER: SaverSystems

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DESCRIPTION

DEFY Composite Deck Waterproofing Sealer is an extremely durable clear finish that helps prevent the return of black stains on composite decks as well as protect against the damaging effects of water, fungi, and UV radiation on composite wood surfaces. This V.O.C. compliant, water-based product is fortified with zinc nano-particles, a natural deterrent to recurring black algae stains. There are over 30 TRILLION of these zinc nano-particles per square inch that protect your wood by blocking out the sun's harmful UV rays, helping protect your composite deck from color fade, moisture and fungal growth.

USES

DEFY® Extreme Exterior Clear Wood Stain can be used on interior or exterior surfaces including: composite decks, wood siding, decks, fences, and all other natural wood surfaces.

BENEFITS

- Toughness and durability of "Nano Particle Technology"
- Protects wood from graying
- Helps prevent the return of black stains
- Soap and water clean-up

DIRECTIONS FOR USE

STRIP: Do not use DEFY Composite Deck Waterproofing Sealer over painted or varnished surfaces. These surfaces must be stripped prior to application of the product.

CLEAN: Composite wood surface must be clean, porous, and dry before applying DEFY Composite Deck Waterproofing Sealer. Use DEFY Composite Deck Cleaner to remove mildew, graying and other foreign matter that might block surface pores and interfere with product penetration. Rinse thoroughly with garden hose or power washer (maximum 1200 p.s.i.).

APPLICATION

WEATHER CONDITIONS: Surface and air temperatures should be between 45°F and 95°F. Avoid application in direct sunlight. Although surface may be slightly damp, do not apply to wet or water saturated surfaces, or when rain is expected within 12 hours.

WATER TEST: After allowing the surface to thoroughly dry from cleaning, sprinkle a few drops of water on the surface. It should begin to penetrate within a few seconds. If it doesn't, then don't apply the finish. The composite lumber is either not dry enough or not porous enough to accept the finish correctly. Test a small area before starting general application to assure desired results.

MIX WELL: Shake or stir contents before and periodically during use. Do not thin product.

PROTECT ADJACENT AREAS: Use plastic, cardboard, and/or drop cloths to protect all adjacent non-targeted surfaces such as siding, windows, masonry, plant life, etc. from overspray and runoff. Immediately remove overspray from non-targeted areas with soap and water. Overspray that is allowed to dry will be difficult to remove;

dried product cannot be removed from concrete and masonry.

USE THE RIGHT EQUIPMENT: Hand brushes should be high quality nylon or polyester. A pad applicator or deck brush may also be used. For large areas a pump-up or an airless sprayer may be used. If using an airless sprayer, use tips between .011 and .015, and use the lowest pressure that achieves a uniform spray pattern to minimize fogging and overspray. When spraying, always back brush to ensure a uniform application, and to break the surface tension of the composite material so the stain will penetrate deeper and last longer.

DECKS: DEFY Composite Deck Waterproofing Sealer can be applied to all natural and composite wood surfaces. Start by applying DEFY Composite Deck Waterproofing Sealer to the railings, benches, and undersides of upper level decks (only one coat is required on undersides). Once underside is treated, immediately brush out all overspray, drips, etc. Treat horizontal surfaces last. When treating horizontal composite deck surfaces, only a single coat of material is required. For natural wood surfaces, apply two coats of sealer, waiting approximately 15-30 minutes between coats. Brush product into surface working out all drips, puddles, or areas of overspray before product dries. Do not over apply finish. To avoid the possibility of peeling, apply only as much finish as the deck can easily absorb. A sure indication of over application is a shiny appearance. Complete entire sections or to a natural break before allowing to dry. Never break in the middle of a board. Thoroughly coat the ends of boards to prevent water penetration.

VERTICAL SURFACES: Start from the bottom and work up. Treat the entire length of a board before moving up. If necessary, brush or feather in to avoid lap marks. Brush in product before it dries and work out drips, runs, or overspray.

DRY TIME: To touch, 2 to 6 hours depending on temperature and humidity. Allow 24 hours for deck to completely cure before using.

CLEAN-UP: Clean tools and equipment immediately after each use with soap and water.

COVERAGE: One gallon of DEFY Composite Deck Waterproofing Sealer will cover approximately 200 - 300 sq. ft. per coat, depending on wood texture and porosity.

MAINTENANCE

Occasional cleaning with mild detergent and water will generally restore treated surfaces to their original appearance. DEFY® DEFY Composite Deck Waterproofing Sealer must be re-coated when graying initially starts to appear. Prior to application, cleaning with DEFY® Composite Deck Cleaner is recommended to insure uniform color.

CAUTIONS

Keep out of reach of children! Do not take internally. Avoid contact with eyes and skin. Avoid breathing mist. Close container tightly after each use. Do not re-use containers.

First Aid: External: Wash skin with soap and water. Eye contact: Immediately flush with clean water for 15 minutes. Consult a physician. Internal: If swallowed, give two (2) glasses of water, induce vomiting. Call a physician or poison control center immediately.

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 the 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 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

Available in 1 gallon recyclable plastic containers.

TRANSPORT AND STORAGE

DEFY Composite Deck Waterproofing Sealer is not considered hazardous under Department of Transportation regulations. Do not stack pallets. Keep product from freezing.

PHYSICAL PROPERTIES

Composition	A blend of synthetic resins with Nano Particle Technology
Solvent	Water
Specific gravity at 25° C	(.99)
Density	(8.25 #/gallon)
Flash point	none
VOC Content	<250 gr/lit Freeze/thaw stability up to 5 cycles
Shelf Life	18 months in original sealed container