

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 Composite Deck Waterproofing Sealer can be used on interior or exterior surfaces including: composite decks, wood siding, decks, fences, and all other natural wood surfaces.

ADVANTAGES

- 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

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.

Surface Preparation: Allow new wood to weather for three to six months to adequately dry out prior to application.

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 surfaces 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.).

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.

APPLICATION

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 deck brush or paint roller may also 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. A pump-up sprayer may also be used. When spraying or rolling, always back brush to ensure a uniform application, and to break the surface tension of the composite material so the sealer will penetrate deeper, adhere better 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.

Drying time: To touch, two to six hours depending on temperature and humidity. Allow 24 hours for deck to completely cure before using.

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

CLEAN UP

Clean tools and equipment immediately after each use with soap and water.

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

If inhaled: In all cases of doubt, or when symptoms persist, seek medical advice. Move the affected person away from the contaminated area and into the fresh air.

If swallowed: Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting unless directed to do so by a physician. If the person is fully conscious, make him/her drink water. Never give an unconscious person anything to drink. Immediately call a POISON CENTER or doctor/physician.

For skin contact: Remove/Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. Obtain medical attention if irritation persists.

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. Seek medical attention immediately.

For additional information for this product, consult the Safety Data Sheet available at www.defywoodstain.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. 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 was applied. This warranty does not include the cost of labor 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 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 one-gallon recyclable plastic containers.

TRANSPORT AND HANDLING

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

MAINTENANCE

Occasional cleaning with mild detergent and water will generally restore treated surfaces to their original appearance. 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.

PHYSICAL PROPERTIES

COMPOSITION..... A blend of synthetic resins with Nano-particle technology
SOLVENT..... Water
DENSITY..... (8.4 lb/gal)
VOC CONTENT..... <250 g/L
SHELF LIFE..... 36 months
FREEZE THAW STABILITY..... Up to 5 cycles

TECHNICAL DATA

Test Results: ASTM D5401: Percent water absorption on wood treated with DEFY<1%.

ASTM G53: Accelerated weathering (QUV) 2,500 hours. Excellent color retention; no loss in water repellency.

Outdoor Exposure: Indiana and Florida test fences. No graying, no loss in water repellency.