

MANUFACTURER:

SaverSystems

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www.defywoodstain.com

DESCRIPTION

DEFY Extreme Wood Stain is an extremely durable wood finish that helps protect against the damaging effects of the elements on all types of wood surfaces including decks, fences, wood siding, log homes, outdoor furniture, and other natural wood surfaces. For use on all wood types including pressure treated lumber, pine, cedar, redwood, mahogany, and other hardwoods. This water-based product provides a beautiful matte finish that highlights the wood grain and adds color. It's also fortified with transparent zinc nanoparticles that provide extreme protection for your wood by blocking out the sun's harmful UV rays, moisture, and stains caused by mold & mildew.

USES

DEFY Extreme Wood Stain can be used on interior or exterior wood surfaces including wood siding, log homes, decks, fences, shake shingles, outdoor wood furniture, pressure treated and all other natural wood surfaces.

ADVANTAGES

- Highlights wood grain
- Extreme UV resistance
- Durable acrylic resins
- Advanced protection with zinc nanotechnology to block UV rays and stains caused by mild/mildew
- 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. Kiln dried lumber can be stained immediately.

Strip: Do not use DEFY Extreme Wood Stain over painted or varnished surfaces. These surfaces must be stripped prior to application of the product. If sanding is necessary to remove older finishes, use a coarse grit sandpaper. Avoid using fine grit sandpapers as they can adversely affect the penetration of the stain.

Clean: All wood surfaces must be clean, porous, and dry before applying DEFY Extreme Wood Stain. Use DEFY Wood Cleaner to remove mill glaze, mildew, graying and other foreign matter that might block surface pores and interfere with product penetration. Rinse thoroughly with a garden hose or power washer (maximum 1200 p.s.i.). DEFY Wood Cleaner will darken redwood and some types of cedar; however, this darkening will disappear once the wood is treated with DEFY Wood Brightener.

Brighten: While surface is still wet from cleaning or stripping, use DEFY Wood Brightener to neutralize the wood, restore the wood to its natural color, and open the pores of the wood, allowing the stain to be more easily absorbed.

Water test: After allowing the wood to thoroughly dry from cleaning and brightening, sprinkle a few drops of water on the wood. It should soak in within a few seconds. If it doesn't, then do not apply the finish. The wood is either not dry enough or not porous enough to accept the finish correctly. Test a small area

for color and appearance before starting general application to assure desired results.

APPLICATION

Mix well: Shake or stir contents before and periodically during use. To ensure absolute color uniformity from container to container, mix at least one third of the product from a used container with the contents of a new one. 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 pump-up sprayer, car wash brush, staining pad, 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. When spraying or rolling, always back brush to ensure a uniform application, and to break the surface tension of the wood so the stain will penetrate deeper, adhere better and last longer.

Decks: Start by applying DEFY Extreme Wood Stain 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.

Horizontal surfaces: On horizontal cedar, mahogany, and other dense woods, apply only one coat of finish. For pressure treated lumber and other porous woods apply two coats, waiting approximately 10-15 minutes between coats. **It is very important to not let the first coat dry completely before applying the second coat.** 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 wood 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 or logs to prevent water penetration. All surface checks on logs should be thoroughly coated.

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. High humidity and lower temperatures can greatly increase dry time.

Coverage: With two coats, one gallon of DEFY Extreme Wood Stain will cover approximately 100 - 150 sq. ft., depending on wood texture and porosity.

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

PRECAUTIONS

May cause an allergic skin reaction. **Keep out of reach of children.** Avoid breathing fumes, dust, mist, spray, vapor. Wear eye protection, protective clothing, and protective gloves. Dispose of contents/container to comply with applicable local, national, and international regulation. Close container tightly after each use. Do not re-use containers.

FIRST AID

IF INHALED: Move the affected person away from the contaminated area and into the fresh air. If symptoms persist, seek medical advice. **SKIN CONTACT:** Wash off immediately with soap and plenty of water. Obtain medical attention if

irritation persists. **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 if irritation persists. **INGESTION:** 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 additional information for this product, consult the Safety Data Sheet available at defywoodstain.com.

SATISFACTION GUARANTEE

If you are not satisfied with the performance of this product, and providing you have followed label instructions, return the unused portion with a proof of purchase for refund or replacement of product. This guarantee does not include the cost of labor for removal or application of the product.

PACKAGING

Available in one (1) and five (5) gallon recyclable plastic containers. DEFY Extreme Semi-transparent Wood Stain is available in seven (7) pre-mixed colors: Cedar Tone, Light Walnut, Natural Pine, Butternut, Redwood, Driftwood Gray, & Crystal Clear.

TRANSPORT AND HANDLING

DEFY Extreme Wood Stain 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 Extreme Wood Stain should be re-coated when graying initially starts to appear. Prior to application, brightening with DEFY Wood Brightener is recommended to insure uniform color.

PHYSICAL PROPERTIES

COMPOSITION: A blend of synthetic resins with nano-particle technology
SOLVENT Water
WEIGHT (8.4 lb/gal)
VOC CONTENT <250 g/L
SHELF LIFE 36 months
FREEZE THAW STABILITY No

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.

PROP65

⚠ WARNING: This product can expose you to Ethylene oxide, which is known to the State of California to cause birth defects or other reproductive harm, and Cumene, which is known to the State of California to cause cancer. For more information, go to www.p65Warnings.ca.gov.