Woodluxe®

Water-Based Deck + Siding Exterior Stain
Solid 694 *(Formerly 640)*

General Description

A premium quality water-based deck + siding solid stain that masks the grain of the wood without obscuring its texture. This product is designed to beautify and protect exterior wood surfaces while standing up to harsh weather conditions. Deck + siding solid stain also provides a UV and mildew resistant coating.

- Advanced all-weather protection
- Resists cracking & peeling
- Provides a UV & mildew resistant coating

Usage

For exterior wood decking, siding, fencing, shakes and furniture. Ideal for softwoods like cedar and pine.

Colors	White (01)
Bases	1X, 2X, 3X, 4X
Colorant System	Gennex®

Technical Data

Vehicle		100% Acrylic
Pigment		Titanium Dioxide
Volume Solids		39 ± 2%
Spread Rate Per Gallon		300 – 400 Sq. Ft.
Recommended	Wet:	4.0 – 5.3
Film Thickness	Dry:	1.6 – 2.1

Spread rate is based on surface texture and porosity. Be sure to estimate the right amount of stain for the job. This will ensure color uniformity and minimize the disposal of excess material.

Dry Time @ 77 °F	To Touch:	1 hour
(25 °C) @ 50% RH	To Recoat:	4 hours

Can be recoated after 4 hours. When used as a deck stain, allow to dry for 48 hours before putting furniture back on decks and returning to service. Temperature and humidity may affect drying time.

Surface Temperature	Min:	40 °F
During Application	Max:	90 °F
Viscosity		85 ± 4 KU
Flash Point		None
Sheen / Gloss		0 – 6 @ 85°
Clean Up		Water
Thinner		Refer to page 2
Weight Per Gallon		11.8 lbs.
Storage	Min:	40 °F
Temperature	Max:	90 °F
VOC		< 100 g/L

Surface Preparation

Optimal performance is achieved when the product is applied to a clean, dry, and absorbent wood substrate. The moisture content of the wood should not exceed 15% to allow for proper penetration.

New Wood: Smooth planed wood siding, trim, or decking must be sanded thoroughly or treated with Woodluxe® Wood Brightener and Neutralizer (017) to break the "mill glaze" and allow proper penetration. After prep is complete, allow the wood to dry then test for penetration by applying a few drops of water to the substrate. If the water does not quickly penetrate, repeat prep, or consult your Benjamin Moore® retailer.

Weathered Wood: Prior to staining, gray and weathered wood must be treated with Woodluxe® Wood Restorer (016), following label directions, until a sound surface is obtained (loose or damaged wood fibers removed).

Un-weathered areas such as eaves, ceilings, overhangs, or protected areas must be washed with Woodluxe® All-In-One Wood Cleaner (018) and rinsed with a strong stream from a garden hose to remove surface salts that can interfere with proper adhesion.

Previously Stained Surfaces: This product can also be applied to surfaces previously stained that is weathered but is not flaking or peeling. Remove contaminants or chalky residue from weathered stained surfaces by washing with Woodluxe® All-In-One Wood Cleaner (018) and allow to dry thoroughly. If the existing stain is flaking or peeling it should be removed prior to staining. Existing paint, stain or sealer can be removed by sanding with an On Floor machine or using Woodluxe® Wood Stain Remover (015).

Weathered Composite Decks: Some composite decking cannot be coated. Check with the manufacturer of the composite material before proceeding.

Prior to Staining, the entire area should be properly cleaned using Woodluxe® All-In-One Wood Cleaner (018) and allow to dry thoroughly. Do not stain composite decking material with any color darker than the original color or having a Light Reflective Value (LRV) of less than 57.

Stains from mildew must be removed by cleaning with Woodluxe® All-In-One Wood Cleaner (018) prior to coating the surface.

Caution: Refer to the 015, 016, 017 and 018 technical data and safety data sheets for instructions on their proper use and handling.

Compliance & Certifications

OTC	✓
OTC II	✓
CARB	✓
CARB07	✓
CARB19	✓
UTAH	✓
AZMC	✓
SCAQMD	✓
MPI	16

Primer Systems

Woodluxe® Deck + Siding Solid Stain is self-priming on most properly prepared substrates, including previously stained surfaces.

For bleeding or tannin-rich woods such as cedar or redwood, prime with Fresh Start® Exterior Deck & Siding Primer (094) or Fresh Start® High-Hiding All Purpose Primer (046).

WARRANTY: We warrant satisfactory results if used according to label directions. If not satisfied return the unused portion to place of purchase with sales receipt. Material will be replaced, or purchase price will be refunded. Since we have no control over surface preparation or application, THIS WARRANTY DOES NOT INCLUDE THE COST OF LABOR FOR APPLICATION OF PAINT. BENJAMIN MOORE SHALL IN NO EVENT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS CONTAINED IN THE ABOVE WARRANTY MAY NOT APPLY TO YOU. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

Limitations

- Do not apply when air or surface temperatures are below 40 °F (4.4 °C)
- New pressure treated lumber must be allowed to dry out and have a moisture content below 15%
- For exterior use only

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-866-708-9180
visit www.benjaminmoore.com

Application

Prior to staining, ensure you have enough product to complete an entire section. In can color may differ from the final dried finish, therefore it is recommended to test a small area for color acceptance. When using multiple containers, intermix stain to ensure color uniformity. Stir thoroughly before and occasionally during use. Stain can be applied by brush, roller, pad applicator, or by spray. For roller, pad, or spray application, follow with back brushing for greater penetration. Apply 1-2 coats. 2 coats will provide optimal protection and performance. Can be recoated after a minimum of 4 hours. When used as a deck stain, allow to dry for 48 hours before putting furniture back and returning to service. Temperature and humidity may affect drying time. In can color may differ from the final dried finish. Apply evenly, allowing the stain to penetrate into the wood. Brush from dry into wet areas, stopping at natural breaks, i.e., stairs or edges. To minimize lapping, always maintain a wet edge. On siding or decking, apply the stain on a section of 2 or 3 boards completely across the length of the boards. Continue by coating the next section of boards in the same manner until the area is completed. Vertical siding is coated using the same principle from top to bottom. Never stop staining in the middle of the board; continue until a natural break is reached. Avoid staining in direct sunlight as this will prevent the product from penetrating properly and causing lap marks. Apply when air and surface temperatures are between 40 °F and 90 °F.
Brush: Nylon / polyester
Roller: Premium Quality
Spray, Airless:
Pressure / 2,000 – 3,000 PSI
Tip / 0.013 – 0.017

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Thinning/Cleaning

Thinning is not needed although conditioning with Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

Add 518 Extender or water - Max of 8 fl. oz. per gallon
Never add other paints, stains, or solvents.

Clean Up: Wash brushes, rollers, and other painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

Environmental Health & Safety Information

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

WARNING Cancer and Reproductive Harm– www.P65Warnings.ca.gov
Refer to the product label & Safety Data Sheet for product specific information.

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean up".

KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING

Refer to Safety Data Sheet for additional health and safety information.

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