



ARBORCOAT®

WATERBORNE EXTERIOR STAIN

TRANSLUCENT W623

Features

- Provides protection and color without obscuring the grain or texture of the wood
- Provides mildew resistant coating
- Scuff resistant
- Formulated to penetrate, protect, and beautify wooden decking and furniture
- A water repellent coating
- May be applied to either soft or hard woods.

Recommended For

Residential or commercial applications where a premium quality finish is desired. For exterior use on wood decking, fencing, siding, and furniture. Ideal for hardwoods like mahogany, teak, ipe and softwoods like cedar, pine and redwood. May be applied to new, pressure treated lumber.

General Description

A premium quality translucent waterborne deck and siding stain that utilizes a proprietary, acrylic resin that penetrates deeper into the wood to provide superior durability. Trans-Oxide pigments are ground into this weather tested resin to provide ultimate sun protection, abrasion and mildew resistance. It may be used over substrates previously stained with a transparent stain in good condition.

Limitations

- Do not apply when air and surface temperatures are below 40°F (4.4°C).
- Moisture content of wood substrate must be below 15%.
- Do not apply at a rate less than 200 sq ft per Gallon.

Product Information

<p>Colors:—Standard: Natural (10), Redwood (20), Teak (30), Cedar (40), Mahogany (60), Silver Gray (70)</p>
<p>—Tint Bases: Not available</p>
<p>—Special Colors: Contact your Benjamin Moore® representative</p>
<p>Certification: VOC compliant in all regulated areas Master Painters Institute MPI # 33 Federal Acceptance Benjamin Moore® Arborcoat® Exterior Waterborne Translucent Deck & Siding Stain is a water-repellent coating which passes requirements of Federal Specification TT-W-572b, par. 3.7.</p>
<p>Technical Assistance Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.</p>

Technical Data◊		Natural
Vehicle Type	Proprietary acrylic resin	
Pigment Type	Trans Oxide Pigment	
Volume Solids	27.9%	
Coverage per Gallon at Recommended Film Thickness	200 – 400 sq. ft.	
Recommended Film Thickness	– Wet	Penetrating Minimal
	– Dry	Penetrating Minimal
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.		
Dry Time @ 77°F (25°C) @ 50% RH	– To Touch	½ Hour
	– To Dry	1 – 3 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times. Allow 24 hours dry time before subjecting decks to normal foot traffic.		
Dries By	Evaporation, Coalescence	
Viscosity	57 ± 3 KU	
Flash Point	None	
Gloss / Sheen	Flat	
Surface Temperature at Application	– Min.	40°F
	– Max.	90°F
Thin With	See Chart	
Clean Up Thinner	Clean Water	
Weight Per Gallon	8.5 lbs.	
Storage Temperature	– Min.	40°F
	– Max.	90°F
Volatile Organic Compounds (VOC)		
49.9 g/L .17 lbs./Gallon		

◊Reported values are for color shown. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Optimal performance is achieved when the product is applied to a clean, dry and absorbent wood substrate. This product must be able to penetrate.

New Wood: Smooth planed wood siding, trim, or deck boards must be sanded thoroughly or treated with Benjamin Moore® Brighten, Brightener & Neutralizer (317) to break the “mill glaze” and allow proper penetration and adhesion. After prep is complete, test for penetration by applying a few drops of water to the dry substrate. If the water does not quickly penetrate, repeat prep or consult your Benjamin Moore® retailer.

Weathered Wood: Prior to staining, weathered wood must be treated with Benjamin Moore® Restore, for Gray & Weathered Wood (316), following label directions, until a sound surface is obtained (loose or damaged wood fibers removed).

Previously Stained Surfaces: This product can also be applied to surfaces previously stained with a transparent stain that is weathered but is not flaking or peeling. Remove contaminants or chalky residue from weathered stained surfaces by washing with Benjamin Moore® Clean, Multi-Purpose Cleaner (318) 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 Benjamin Moore® Remove, Finish Remover (315).

Un-weathered areas such as eaves, ceilings, overhangs or protected wall areas must be washed with Benjamin Moore® Clean, Multi-Purpose Cleaner (318) and rinsed with a strong stream from a garden hose to remove surface salts that can interfere with proper adhesion.

Mildew: Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (318) prior to coating the surface.

Caution: Refer to the 315, 316, 317 and 318 technical data and material safety data sheets for instructions on their proper use and handling.

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. Carefully clean up 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 Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Application

Prior to finishing, ensure having enough stain to complete an entire section.

Stir thoroughly before and occasionally during use. Stain can be applied by brush, roller, pad applicator or spray. Roller application followed by back brushing is the recommended procedure. Avoid over working the material to prevent lap marks. Apply as received in the container. For optimal durability & uniformity, a 2-coat application is recommended. Wait for the first coat to dry thoroughly before applying the second coat.

Start by coating a sample of the exact wood you intend to finish. The finished color and sheen of the stain system can vary depending on the type of wood—its natural color, texture, grain porosity, and section of log from which it was cut.

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 horizontal siding apply the stain on a section of 2 or 3 boards completely across the house. Lower the ladder and continue in the same manner until the side is completed. Vertical siding is coated using the same principle from top to bottom. Never stop staining in mid-wall; continue until a natural break is reached, such as a window.

Do not apply excess amounts as this will prevent optimum cure. Do not apply in direct sunlight as this will prevent the product from penetrating properly, causing lap marks.

Apply when air and surface temperatures are between 40°F (4.4°C) and 90°F (32°C).

Surfaces that were previously stained with Arborcoat® Waterborne Translucent Stain (W623) may be cleaned and touched up or recoated annually.

Thinning/Clean Up

Conditioning with Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics. The chart below is for general guidance		
	Mild conditions	Severe conditions
	Humid (RH>50%) with no direct sunlight & with little to no wind	Dry (RH<50%), in direct sunlight, or windy conditions
Brush: Nylon/Polyester	No Thinning Necessary	Add 518 Extender or water: Max of 8 fl. oz. to a gallon of stain Never add other stains, paints or solvents.
Roller: Premium Quality Nylon/Polyester		
Spray: Airless* Pressure: 800 - 1500 psi Tip: 0.011 - 0.015"		

Clean Up: Use soap and water. Brushes should be given an additional rinse with mineral spirits, or follow state/local guidelines on solvent use followed by a clean water rinse.

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. May cause allergic skin reaction. 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: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

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.