Benjamin Moore®

ARBORCOAT®
WATERBORNE EXTERIOR STAIN
SEMI TRANSPARENT F638

Features

- Provides protection and color without obscuring the grain or texture of the wood
- Formulated for outstanding color retention over time
- Excellent UV protection and great durability
- A scuff and mildew resistant coating
- Ideal for pressure treated lumber and softwoods like cedar and pine.
- May be applied to new wood, weathered wood or to previously stained wood with transparent stain

General Description

A premium quality waterborne alkyd/ acrylic semi transparent stain formulated to penetrate, protect, and beautify wood siding, decks, fences or furniture. Its semi transparent colour allows the grain pattern and texture of the wood to show through. Generally, one coat of stain is sufficient on properly prepared substrates. A second coat of stain may be necessary on some surfaces to achieve desired colour. May be applied to new, weathered or to previously stained wood.

Recommended For

Residential or commercial applications where a premium quality finish is desired. For exterior use on wood decking, fencing, siding, shakes, and furniture.

Limitations

- Do not apply when air and surface temperatures are below 4.4 °C (40 °F).
- New pressure treated lumber must be allowed to dry out **or** have a moisture content below 15%.
- Not recommended for hardwood
- Do not apply at less than 18.6 sq. m. (200 sq. ft.) per 3.79 L

Product Information

Colours — Standard:
None

— Gennex® Tint Bases:
Clear Tint Base (06), Yellow Tint Base (12), Red Tint Base (20)

— Special Colours:
Contact your Benjamin Moore representative.

Certifications & Qualifications:

VOC compliant in Canada

Master Painters Institute MPI # 156

CUSTOMER SERVICE INFORMATION CENTRE
1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca

Technical Data		Tint Base
Vehicle Type		Alkyd / Acrylic / Urethane Blend
Pigment Type		Ultraviolet Inhibitors
Volume Solids		26%
Coverage per 3.79 L at Recommended Film Thickness		18.6 – 37.2 sq. m. (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 stain for the job. This will ensure colour uniformity and minimize the disposal of excess material.		
Dry Time @ 25 °C (77 °F) @ 50% RH	– To Touch	½ Hour
	– To Recoat	4 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		62 ± 2 KU
Flash Point		None
Gloss / Sheen		Flat
Surface Temperature at Application	– Min.	4.4 °C (40 °F)
	– Max.	32.2 °C (90 °F)
Thin With		See Chart
Clean Up Thinner		Clean Water
Weight Per 3.79 L		3.85 kg (8.5 lbs)
Storage Temperature	– Min.	4.4 °C (40 °F)
	– Max.	32.2 °C (90 °F)
Volatile Organic Compounds (VOC) 18.3 g/L		

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 (K317) 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 (K316), following label directions, until a sound surface is obtained (loose or damaged wood fibers removed).

Previously Stained Surfaces: This product can be applied to surfaces previously stained with a translucent/transparent or semi 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 (K318) and allow to dry thoroughly.

If the existing stain is flaking or peeling it should be removed prior to staining using Benjamin Moore® Remove, Finish Remover (K315). Existing paint, stain or sealer can also be removed by sanding with an On Floor machine.

Un-weathered areas such as eaves, ceilings, overhangs or protected wall areas must be washed with Benjamin Moore® Clean, Multi-Purpose Cleaner (K318) 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 (K318) prior to coating the surface.

Caution: Refer to the K315, K316, K317 and K318 technical data and 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html

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 by spray. If the product is applied using a roller or sprayer, it is recommended to back-brush the stain into the wood with the direction of the natural grain. Apply as received in the container.

Apply 1 or 2 coats Arborcoat® Waterborne Exterior Stain. A second coat provides optimal performance and uniformity. Wait for the first coat to dry for a minimum of 4 hours before applying the second coat. Please note that multiple coats will affect the opacity of the final finish and obscure more of the natural colour of the wood. Multiple coats may also result with the finish having a slight sheen. This sheen will slowly decrease with normal weathering.

In can colour 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.

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 4.4 °C (40 °F) and 32.2 °C (90 °F).

Thinning/Clean Up

Conditioning with Benjamin Moore® K518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

Add K518 Extender or water - Max of 236 mL to 3.79 L of paint
Never add other paints or solvents.

Clean Up: Wash brushes, rollers, and other painting tools in warm soapy water immediately after use.

Environmental Health & Safety Information

May cause allergic skin reaction.
Do not get on skin or clothing.

Use only in a well ventilated area. Keep container closed when not in use. In case of spillage, absorb with inert material and dispose of in accordance with local regulations. Wash thoroughly after handling.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

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