



ARBORCOAT[®]

WATERBORNE EXTERIOR STAIN

SOLID COLOR K640

Features

- Ideal for pressure treated, cedar, and redwood
- Excellent colour retention and durability
- Excellent flow & levelling
- Self priming on most substrates
- Premium quality product with excellent resistance to blistering and peeling
- Unsurpassed resistance to mildew growth on the stain film
- Easy application with soap and water clean up

Recommended For

Residential or commercial applications where a premium quality finish is desired. New or old un-weathered wood, properly prepared weathered wood, and previously painted or stained wood.

General Description

This premium quality product masks the grain of the wood without obscuring its texture. It has been formulated to protect and beautify all types of wood decks including cedar, redwood, and pressure treated lumber. It features easy application, a highly durable matte finish, fast dry, water cleanup, and excellent colour retention. It is also a great product for coating older weathered Composite decks.

Limitations

- Do not apply when air and surface temperatures are below 4.4 °C (40 °F).
- Moisture content of wood substrate must be below 15%.
- When used as a deck stain, allow to dry for 48 hours before putting furniture back on decks and returning to service.
- Newly stained surfaces should be allowed to dry 30 days before washing.

Product Information

<p>Colours — Standard: White (01)</p> <p>— Tint Bases: Benjamin Moore[®] Gennex[®] bases 1X, 2X, 3X & 4X</p> <p>— Special Colours: Contact your Benjamin Moore representative</p> <p>Certifications & Qualifications:</p> <p>Master Painters Institute MPI # 16</p> <p>Water Vapor Transmission Properties ASTM D1653 – 17.2</p>	<table border="1"> <thead> <tr> <th>Technical Data[◇]</th> <th>Pastel Base</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td>100% Acrylic Latex</td> </tr> <tr> <td>Pigment Type</td> <td>Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td>38%</td> </tr> <tr> <td>Coverage per 3.79 L at Recommended Film Thickness</td> <td>27.9 – 37.2 sq. m. (300 – 400 sq. ft.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet 4.0 – 5.3 mils – Dry 1.4 – 1.9 mils</td> </tr> <tr> <td colspan="2">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 °F) @ 50% RH</td> <td>– To Touch 1 Hours – To Recoat 3 – 4 Hours</td> </tr> <tr> <td colspan="2">High humidity and cool temperatures will result in longer dry, recoat and service times. When used as a deck stain, allow to dry for 48 hours before putting furniture back on decks and returning to service.</td> </tr> <tr> <td>Dries By</td> <td>Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td>94 ± 3 KU</td> </tr> <tr> <td>Flash Point</td> <td>None</td> </tr> <tr> <td>Gloss / Sheen</td> <td>Matte (0 - 6 @ 85°)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. 4.4 °C (40 °F) – Max 32.2 °C (90 °F)</td> </tr> <tr> <td>Thin With</td> <td>See Chart</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Clean Water</td> </tr> <tr> <td>Weight Per 3.79 L</td> <td>5.7 kg (11.88 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min. 4.4 °C (40 °F) – Max 32.2 °C (90 °F)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2" style="text-align: center;">93 g/L</td> </tr> </tbody> </table>	Technical Data [◇]	Pastel Base	Vehicle Type	100% Acrylic Latex	Pigment Type	Titanium Dioxide	Volume Solids	38%	Coverage per 3.79 L at Recommended Film Thickness	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)	Recommended Film Thickness	– Wet 4.0 – 5.3 mils – Dry 1.4 – 1.9 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure colour uniformity and minimize the disposal of excess paint.		Dry Time @ 25 °C (77 °F) @ 50% RH	– To Touch 1 Hours – To Recoat 3 – 4 Hours	High humidity and cool temperatures will result in longer dry, recoat and service times. When used as a deck stain, allow to dry for 48 hours before putting furniture back on decks and returning to service.		Dries By	Evaporation, Coalescence	Viscosity	94 ± 3 KU	Flash Point	None	Gloss / Sheen	Matte (0 - 6 @ 85°)	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	5.7 kg (11.88 lbs)	Storage Temperature	– Min. 4.4 °C (40 °F) – Max 32.2 °C (90 °F)	Volatile Organic Compounds (VOC)		93 g/L	
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<p>CUSTOMER SERVICE INFORMATION CENTRE 1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca</p>																																									

[◇] Reported values are for pastel base. Contact Benjamin Moore for values of other bases or colours.

Arborcoat® Exterior Waterborne Solid Deck & Siding Stain K640

Surface Preparation

Can be used over previously painted and stained wood that is in good condition. If general peeling is present all previous coatings should be removed.

Optimal performance is achieved when the product is applied to a clean, dry and absorbent wood substrate.

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: Can be used over previously painted and stained wood that is in good condition. If general peeling is present on decks all previous coatings should be removed by sanding with an On Floor machine or using Benjamin Moore® Remove, Finish Remover (K315).

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 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 logging onto Health Canada @ http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html.

Primer/Finish Systems

Previously Stained, Painted, or Sealed Wood

Primer: This product is self-priming on most surfaces.

Finish: Apply 1 coat of Arborcoat® Waterborne Solid Colour Deck & Siding Stain (K640). If needed to obtain complete hiding, a second coat may be applied.

New Wood or Properly Prepared Weathered Wood

This product is self-priming on most surfaces. Tannin rich woods such as redwood or cedar should be primed with Benjamin Moore® Alkyd Stain Primer (K366) or Fresh Start® Superior Primer (K046)

Finish: Apply 1 or 2 coats Arborcoat® Waterborne Solid Colour Deck & Siding Stain (K640). Two coats provide optimal performance on bare wood surfaces.

Application

Stir thoroughly before using and often during application. Apply using a synthetic bristle brush, roller, or spray. Back-brushing is recommended with roller or spray application. To help eliminate lap marks, stain only a few boards at a time keeping the leading edge "wet." Do not stain when temperature of air and surface is below 4.4 °C (40 °F). **CAUTION:** The stained deck may become slippery when wet.

In can colour may differ from the final dried finish.

Thinning/Cleanup

Conditioning with Benjamin Moore® K518 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 K518 Extender or water: Max of 236 ml (8 fl. oz.) to a 3.79 L Never add other paints or solvents.
Roller: Premium Quality Nylon/Polyester		
Spray: Airless Pressure: 2000 -2500 psi Tip: 0.013-0.017		

Use soap and water.

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 provincial environmental agency on disposal options.**

Environmental, Health & Safety Information

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.

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

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

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