



# ARBORCOAT<sup>®</sup>

## WATERBORNE EXTERIOR STAIN PROTECTIVE CLEAR COAT 636

### Features

- A clear protective coating for Arborcoat<sup>®</sup> Semi-Transparent (N638) and Semi-Solid (639) stains on deck surfaces
- Functions as an annual refresher coat for Arborcoat<sup>®</sup> Semi-Transparent (N638) stains, reviving that newly stained look
- Formulated to protect, and beautify wooden decking and furniture
- Provides mildew resistant coating
- A water repellent coating
- Scuff resistant
- Dual UV protection for Deck systems

### Recommended For

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

### General Description

A premium quality 100% acrylic finish coat for Benjamin Moore<sup>®</sup> Arborcoat<sup>®</sup> waterborne exterior stain systems. Use as a protective coating over Semi-Transparent (N638) Stains on decks or other surfaces where enhanced abrasion resistance and additional protection is desired. Can also be used over (639) Arborcoat<sup>®</sup> waterborne semi solid stain when a low lustre finish is preferred.

### Limitations

- Do not apply when air and surface temperatures are below 40° F (4.4 °C).
- High humidity will extend dry and cure times.
- Use only as a topcoat for Arborcoat<sup>®</sup> WB semi-transparent or semi solid stains.

### Product Information

<p><b>Colors — Standard:</b> Clear</p> <p><b>— Tint Bases:</b> Not available</p> <p><b>— Special Colors:</b> Contact your Benjamin Moore &amp; Co. representative</p> <p><b>Certifications &amp; Qualifications:</b> VOC compliant in all regulated areas</p> <p><b>Technical Assistance</b> Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit <a href="http://www.benjaminmoore.com">www.benjaminmoore.com</a></p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data<sup>∅</sup></th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>100% Acrylic Latex</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>N/A</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>25%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td></td> <td>400 – 600 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>Minimal mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>Minimal mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Do not apply a rate of less than 300 sq. ft. per gallon. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td>Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– To Touch</td> <td>1/2 Hour</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>NA</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>62 ± 2 KU</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>None</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>Low Luster</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>40 °F</td> </tr> <tr> <td></td> <td>– Max</td> <td>90 °F</td> </tr> <tr> <td colspan="3">Surface must be dry and at least 5° above the dew point.</td> </tr> <tr> <td>Thin With</td> <td></td> <td>See Chart</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Clean Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>8.6 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>40 °F</td> </tr> <tr> <td></td> <td>– Max</td> <td>90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Volatiles Organic Compounds (VOC)</b></td> </tr> <tr> <td></td> <td>79 Grams/Liter</td> <td>.66 lbs./Gallon</td> </tr> </tbody> </table>	Technical Data <sup>∅</sup>		Clear	Vehicle Type		100% Acrylic Latex	Pigment Type		N/A	Volume Solids		25%	Coverage per Gallon at Recommended Film Thickness		400 – 600 Sq. Ft.	Recommended Film Thickness	– Wet	Minimal mils		– Dry	Minimal mils	Depending on surface texture and porosity. Do not apply a rate of less than 300 sq. ft. per gallon. 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	1/2 Hour		– To Recoat	NA	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		Low Luster	Surface Temperature at Application	– Min.	40 °F		– Max	90 °F	Surface must be dry and at least 5° above the dew point.			Thin With		See Chart	Clean Up Thinner		Clean Water	Weight Per Gallon		8.6 lbs	Storage Temperature	– Min.	40 °F		– Max	90 °F	<b>Volatiles Organic Compounds (VOC)</b>				79 Grams/Liter	.66 lbs./Gallon
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**Surface Preparation**

When being used as a refresher coat, remove contamination from weathered stained surfaces by washing with Benjamin Moore® Clean, (N318). Surfaces that were previously stained with Arborcoat® Semi-Transparent (N638) or Semi-Solid (639) may be touched up with stain prior to the application of an annual refresher coat of the protective clear coat.

Un-weathered areas such as eaves, ceilings, or overhangs must be washed with Benjamin Moore® Clean, (N318) and/or rinsed with a strong stream from a garden hose to remove surface salts that can interfere with proper adhesion.

**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](http://www.epa.gov/lead).

**Application**

Arborcoat® Protective Clear Coat is part of a system. It must be applied over Arborcoat® Semi-Transparent (N638) or Semi-Solid (639) Stains when they are used on decks or other horizontal surfaces. The Arborcoat® Protective Clear Coat can be applied 1 to 3 hours after the stain has been applied, depending on temperature and humidity.

Stir thoroughly before and occasionally during use. Brushing is the preferred method of application. When applied by roller, spray, or dipping, back brushing is recommended to improve uniform distribution. Apply as received in the container. One coat will provide adequate protection; additional coats may lead to a high sheen or uneven gloss.

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

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 result in unwanted gloss and peeling. 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).

**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
<b>Brush:</b> 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.
<b>Roller:</b> Premium Quality Nylon/Polyester		
<b>Spray: Airless*</b> Pressure: 800 - 1500 psi Tip: 0.011 - 0.015"		

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 state-designated environmental agency on disposal options.**

**Environmental, Health & Safety Information**

**WARNING!**

**Possible birth defect hazard.** Contains, Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, which may cause birth defects based on animal data.

**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** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**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.**