



ARBORCOAT®

WATERBORNE EXTERIOR STAIN PROTECTIVE CLEAR COAT 636

Features

- A clear protective coating for Arborcoat® Transparent (637) and Semi-Transparent (638) stains on deck surfaces
- Functions as an annual refresher coat for Arborcoat® Transparent (637) and Semi-Transparent (638) 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
- Low lustre finish, can also be used over Arborcoat® Semi-Solid (639)

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® Arborcoat® waterborne exterior stain systems. Use as a protective coating over (637) Transparent and (638) Semi-Transparent Stains on decks or other surfaces where enhanced abrasion resistance and additional protection is desired. Can also be used over (639) Arborcoat® 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® transparent, semi transparent or semi solid stains.

Product Information

Colors:—Standard:

Clear

—Tint Bases:

Not available

—Special Colors:

Contact your Benjamin Moore & Co. representative

Certification:

VOC compliant in all regulated areas

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.

Technical Data[∅]

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 – Dry
	Minimal mils 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 – To Recoat
	1/2 Hour
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. – Max
	40° F 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. – Max
	40° F 90° F

Volatile Organic Compounds (VOC)

79 Grams/Liter .66 lbs./Gallon

[∅]Reported values are for color shown. Contact Benjamin Moore & Co. for values of other bases or colors.

Surface Preparation

When being used as a refresher coat, remove contamination from weathered stained surfaces by washing with Benjamin Moore® Clean, Multi-Purpose Cleaner (318). Surfaces that were previously stained with Arborcoat® Transparent (637) or Semi-Transparent (638) 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, Multi-Purpose Cleaner (318) 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.

Application

Arborcoat® Protective Clear Coat is part of a system. It must be applied over Arborcoat® (637) Transparent or (638) Semi Transparent 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. Can also be used over Arborcoat® Semi-Solid (639) for a low lustre look.

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/Cleanup

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"		

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

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: 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 with water for 15 minutes; for skin, wash with soap and water. 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 Material Safety Data Sheet for additional health and safety information.