AURA®

WATERBORNE EXTERIOR PAINT
SEMI-GLOSS FINISH 632

Features

- Improved hiding, especially in dark colors
- Superior adhesion
- Low temperature application
- Excellent flow and leveling
- Soap and water clean up
- Resistant to fading, cracking, peeling, chalking, blistering, dirt pick-up, alkali and fumes
- Mildew resistant formula
- Fast dry and re-coat times
- Vapor permeable
- Color lock® technology and extreme UV resistance

General Descriptions

A super premium quality, 100% acrylic exterior semi-gloss latex finish. This product combines the advantages of our latest resin technology and our proprietary Gennex® colorant system to provide the ultimate exterior coating. This high solids formula is suitable for a variety of exterior surfaces and can be applied as low as 40 °F (4.4 °C).

Recommended For

For exterior use on primed or previously painted wood siding, trim, doors, sash, shakes; cured or previously painted masonry such as stucco, cement block construction, poured and precast concrete, unglazed brick; aluminum, vinyl, or site primed hardboard siding; and previously painted or primed metal.

Limitations

- Do not apply when air and surface temperatures are below 40 °F (4.4 °C).
- For Wind-Driven Rain over smooth and stable masonry only (non-elastomeric use). Follow primer/finish instructions.

Product Information

Colors — Standard:

White (01)

— Tint Bases:

Benjamin Moore® Gennex® bases 1X, 2X, 3X & 4X

— Special Colors:

Contact your Benjamin Moore® representative

Certifications & Qualifications:

VOC compliant in all regulated areas

The following results are based on independent, third-party laboratory testing:

- Passes Wind Driven Rain Test, ASTM D6904 (TT-C-555B)
  2 coats Aura® Exterior Paint Semi-Gloss Finish 632 each @ 1.7 DFT
- Passes Alkali Resistance Test ASTM D1308 (24 hrs. no effect)
  1 coat Ultra Spec® Acrylic Masonry Sealer 608 @ 4 mils WFT
  1 coats Aura® Exterior Paint Satin Finish 632 each @ 1.74 DFT
- Passes Conical Mandrel Flexibility Test ASTM D522 (no cracking)
  1 coat Aura® Exterior Paint Satin Finish 632 @ 1.6 DFT
- Passes Mildew, Mold Resistance Test ASTM D3273/D3274 (no growth)
- ASTM D1653 Water Vapor Transmission Properties
  46.2 perms @ 2.0 mils DFT
- ASTM D2370 Tensile Properties
  Peak Tensile Strength, psi 557
  Elongation at Break, percent 114

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

Technical Data◊		Pastel Base
Vehicle Type		Proprietary 100% Acrylic
Pigment Type		Titanium Dioxide
Volume Solids		38%
Coverage per Gallon at Recommended Film Thickness		350 – 450 sq. ft. (32.5 – 41.8 sq. m.)
Recommended Film Thickness	– Wet	3.6 – 4.6 mils
	– Dry	1.4 – 1.7 mils
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	1 Hour
	– To Recoat	4 Hours
Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By		Evaporation, Coalescence
Viscosity		100 ± 2 KU
Flash Point		None
Gloss / Sheen		Semi-Gloss (50 - 60 @ 60°)
Surface Temperature at Application	– Min.	40 °F (4.4 °C)
	– Max	100 °F (37.7 °C)
Thin With		See Chart
Clean Up Thinner		Clean Water
Weight Per Gallon		10.7 lbs
Storage Temperature	– Min.	40 °F (4.4 °C)
	– Max	90 °F (32 °C)

Volatile Organic Compounds (VOC)

48.7 Grams / Liter 0.41 lbs. / Gallon

◊Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colors.

Surface Preparation

Surfaces must be clean and free of grease, wax, and mildew. Remove all chalk and loose or scaling paint. If previously coated with cement-base waterproofing paints, clean by sandblasting. Glossy surfaces must be dulled. Un-weathered areas such as eaves, ceilings, and overhangs should be washed with a detergent solution and/or rinsed with a strong stream of water from a garden hose to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (N318) prior to coating the surface. **Caution:** Refer to the (N318) Clean technical data and material safety data sheets for instructions on its proper use and handling. For metal surfaces, remove rust. Wipe down with paint thinner to remove surface oils.

Difficult Substrates: Benjamin Moore® offers a number of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore® retailer can recommend the right problem-solving primer for your special needs.

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 contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **Special Note:** For certain deep colors, Aura® Color Foundation must be used to achieve maximum hide and the desired topcoat color. Consult your retailer

Wood and Engineered Wood Products:
Primer: No primer needed
Finish: 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Bleeding Type Woods, (Redwood and Cedar):
Primer: Fresh Start® Exterior Wood Primer (094) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (046) may be used
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Hardboard Siding, Bare or Factory Primed:
Primer: No primer needed
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Vinyl Siding & Vinyl Composite
Note: **Do not paint vinyl siding or trim darker than the original color**
Primer: Fresh Start® High-Hiding All Purpose Primer (046)
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Rough or Pitted Masonry:
Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Poured or Pre-cast Concrete and Fiber Cement Siding:
Primer: No primer needed
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Masonry, Weathered and Unpainted, Soft with Age (Including Unglazed Brick): Remove any loose, sandy masonry by dry brushing.
Primer: Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Ferrous Metal (Steel and Iron):
Primer: Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Non-Ferrous Metal (Galvanized & Aluminum):
All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

Primer: Not required on properly prepared surfaces
Finish: 1 or 2 coats Aura® Waterborne Exterior Semi-Gloss Finish (632)

Repaint, All Substrates: Prime bare areas with the primer recommended for the substrate above.

Application

Use the same application techniques as you would for any low-VOC compliant coating. Use a Benjamin Moore® Premium roller or Premium extra firm nylon polyester brush for best results. Aura® paint features excellent flow and leveling; it's not necessary to over brush to smooth out brush marks. Aura® dries faster than other acrylic paints; avoid lap marks by not painting in direct sunlight and by coating sections of the surface either down or across the structure to natural breaks, maintaining a wet edge. If your edge begins to dry or you see that you missed a spot and the paint is already setting up, allow it to dry completely before touching up that area. This product can also be sprayed.

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 paint
Roller: Premium Quality Nylon/Polyester		
Spray: **Airless*** Pressure: 1600 - 2600 psi Tip: 0.013 - 0.015		Never add other paints or solvents.

*Spraying AURA® Waterborne Exterior Semi-Gloss Finish with the tip sizes and pressure ranges above (at 400 – 535 sq ft. per gallon, 3 – 4 mils wet film thickness) provides an excellent finish on smooth surfaces like garage and entry doors. If required, the product can be sprayed at higher wet film levels to achieve complete coverage with accent colors.

Clean Up: 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 and 1-Methyl-2-pyrrolidinone, which may cause birth defects based on animal data.

Use only with adequate ventilation. Do not breathe vapors, 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

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.