



AURA[®]

WATERBORNE EXTERIOR PAINT

FLAT FINISH 629

Features

- Extreme hide, never more than two coats in any color
- Low temperature application
- Superior adhesion
- Delivers a high-build paint film for excellent durability
- Color lock[®] technology and extreme UV resistance
- Fast dry and re-coat times
- Resistant to fading, cracking, peeling, chalking, blistering, dirt pick-up
- Provides a mildew resistant film
- Self priming in most situations
- Vapor permeable

Recommended For

Recommended for exterior use on wood, fiber cement board, hard board, vinyl and aluminum siding, shakes, unglazed brick, concrete, stucco, cinder block and primed metal.

General Description

A super premium quality, 100% acrylic exterior flat 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. Aura[®] Waterborne Exterior Flat Finish is suitable for wind driven rain when applied according to recommendations.

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:	Technical Data	Pastel Base
White (01)	Vehicle Type	Proprietary 100% Acrylic
— Tint Bases:	Pigment Type	Titanium Dioxide
Benjamin Moore [®] Gennex [®] Bases 1X, 2X, 3X, & 4X.	Volume Solids	46%
— Special Colors:	Coverage per Gallon at Recommended Film Thickness	250 – 350 Sq. Ft.
Contact your Benjamin Moore representative.	Recommended Film Thickness	– Wet 4.6 – 6.4 mils – Dry 2.1 – 2.9 mils
Certifications & Qualifications:	High Build System Coverage: 160 – 265 sq. ft. 6-10 mils wet film thickness.	
VOC compliant in all regulated areas	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.	
Master Painters Institute MPI # 10	Dry Time @ 77 °F (25 °C) @ 50% RH	– To Touch 1 Hour – To Recoat 4 Hours
The following results are based on independent, third-party laboratory testing:	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
- Passes Wind Driven Rain Test (1.3 oz) ASTM D6904	Dries By	Evaporation, Coalescence
1 coat Ultra Spec [®] Acrylic Masonry Sealer 608 @ 4 mils WFT	Viscosity	107 ± 2 KU
2 coats Aura [®] Exterior Paint Flat Finish 629 each @ 2.9 DFT	Flash Point	None
- Passes Alkali Resistance Test (no effect) ASTM D1308	Gloss / Sheen	Flat (0 – 3 @ 85°)
1 coat Ultra Spec [®] Acrylic Masonry Sealer 608 @ 4 mils WFT	Surface Temperature at Application	– Min. 40 °F – Max 100 °F
1 or 2 coats Aura [®] Exterior Paint Flat Finish 629 each @ 2.9 DFT	Thin With	See Chart
- Passes Conical Mandrel Flexibility Test (no cracking) ASTM D522	Clean Up Thinner	Clean Water
1 coat Aura [®] Exterior Paint Flat Finish 629 @ 2.9 DFT	Weight Per Gallon	12.5 lbs
- Passes Mildew, Mold Resistance Test (no growth) ASTM D3273/D3274	Storage Temperature	– Min. 40 °F – Max 90 °F
1 coat Aura [®] Exterior Paint Flat Finish 629 @ 2.9 DFT	Volatile Organic Compounds (VOC)	
- Water Vapor Transmission Properties ASTM D1653	46.5 Grams / Liter 0.39 LBS / Gallon	
Topcoat 62901, one-coat at 250 ft ² /gal (2.9-mils DFT)---31.7 perms		
- ASTM D2370 Tensile Properties: Peak Tensile Strength, psi 340 Elongation at Break, percent 20		
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		

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

Aura® Waterborne Exterior Paint Flat Finish 629

Surface Preparation

Surfaces must be clean and free of grease, wax, and mildew. Remove any 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. 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.

Primer/Finish Systems

Aura® Waterborne Exterior Flat Finish is self priming on most properly prepared substrates, including: wood, fiber cement board, hardboard, nonferrous metals and cured masonry surfaces. On bare substrates two coats are required; previously painted surfaces can be finished with 1 or 2 coats.

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 Paint Flat Finish (629)

Bleeding Type Woods, (Redwood and Cedar):

Primer: Fresh Start® Exterior Wood Primer (094) or 1-2 coats of Fresh Start® High-Hiding All Purpose (046) may be used.

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Flat Finish (629)

Hardboard Siding, Bare or Factory Primed:

Primer: No primer needed

Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (629)

Vinyl Siding & Vinyl Composite

In most cases, a primer is not necessary. Only areas of pitted and porous vinyl siding must be primed. In these cases, we recommend Fresh Start® High-Hiding All Purpose Primer (046), or Fresh Start® Multi-Purpose Latex Primer (N023).

Colors that are safe for use on vinyl siding - Do not paint vinyl with any color darker than the original color or having a Light Reflective Value (LRV) of less than 55 unless it is in the Benjamin Moore approved Colors for Vinyl palette and complies with the specific vinyl manufacturer guidelines when making the color selection and painting. Otherwise, the color will absorb more heat, possibly causing the siding to warp, resulting in additional repairs and expenses.

Rough or Pitted Masonry: Poured and precast concrete and block construction should be allowed to cure for at least 30 days. New masonry only needs to be cured for 7 days when using Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608). All surfaces must be thoroughly brushed with stiff fiber bristles to remove loose particles.

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Flat Finish (629)

Poured or Pre-cast Concrete and Fiber Cement Siding:

Primer: No primer needed

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Flat Finish (629)

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 Paint Flat Finish (629)

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 Paint Flat Finish (629)

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 Paint Flat Finish (629)

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; refer to the chart below.

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 Never add other paints or solvents.
Roller: Aura® Roller Cover		
Spray: Airless Pressure: 2000-3000 psi Tip: 0.015-0.017		

* Under normal application conditions Aura® may be sprayed to achieve a high build one coat system over properly prepared substrates that are in good condition. Refer to Surface Preparation / Priming Sections for appropriate priming and preparation information.

High Build System Coverage:

160 – 265 sq. ft. 6-10 mils wet film thickness.

Clean up: Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

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 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

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.

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 **Thinning/Clean up**.

KEEP OUT OF REACH OF CHILDREN

PROTECT FROM FREEZING

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