



AURA®

WATERBORNE EXTERIOR PAINT

FLAT FINISH K629

Features

- Extreme hide, never more than two coats in any colour
- Low temperature application
- Superior adhesion
- Delivers a high-build paint film for excellent durability
- Colour lock™ technology and extreme UV resistance
- Fast dry and re-coat times
- Resistant to fading, cracking, peeling, chalking, blistering, dirt pick-up
- Self-priming in most situations
- Vapour permeable

Recommended For

Recommended for exterior use on wood, fibre cement board, hard board, vinyl and aluminium 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 4.4 °C (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 4.4 °C (40 °F).
- For Wind-Driven Rain over smooth and stable masonry only (non-elastomeric use). Follow primer/finish instructions.

Product Information

Colours — Standard: White 01	Technical Data ◇	Pastel Base				
— Tint Bases: Benjamin Moore® Gennex® Bases 1X, 2X, 3X, & 4X.	Vehicle Type	100% Acrylic Latex				
— Special Colours: Contact your Benjamin Moore representative	Pigment Type	Titanium Dioxide				
Certification: Master Painters Institute MPI # 10	Volume Solids	46%				
<p>The following results are based on independent, third-party laboratory testing:</p> <ul style="list-style-type: none"> -Passes Wind Driven Rain Test (38.4 ml) ASTM D6904 1 coat Ultra Spec® Acrylic Masonry Sealer K608 @ 4 mils WFT 2 coats Aura® Exterior Paint Flat Finish K629 each @ 2.9 mils DFT -Passes Alkali Resistance Test (no effect) ASTM D1308 1 coat Ultra Spec® Acrylic Masonry Sealer K608 @ 4 mils WFT 1 or 2 coats Aura® Exterior Paint Flat Finish K629 each @ 2.9 mils DFT -Passes Conical Mandrel Flexibility Test (no cracking) ASTM D522 1 coat Aura® Exterior Paint Flat Finish K629 @ 2.9 mils DFT -Passes Mildew, Mould Resistance Test (no growth) ASTM D3273/D3274 1 coat Aura® Exterior Paint Flat Finish K629 @ 2.9 mils DFT -ASTM D1653 – Water Vapour Transmission Properties Topcoat K629-01, one-coat at 23.2 sq. m./3.79 L (2,9 mils DFT)---31.7 perms -ASTM D2370 Tensile Properties Peak Tensile Strength, psi 340 Elongation at Break, percent 20 	Coverage per 3.79 L at Recommended Film Thickness	23.2 – 32.5 sq. m. (250 – 350 sq. ft.)				
CUSTOMER SERVICE INFORMATION CENTRE 1-800-361-5898, info@benjaminmoore.ca , www.benjaminmoore.ca	Recommended Film Thickness	<table border="0"> <tr> <td>– Wet</td> <td>4.6 – 6.4 mils</td> </tr> <tr> <td>– Dry</td> <td>2.1 – 2.9 mils</td> </tr> </table>	– Wet	4.6 – 6.4 mils	– Dry	2.1 – 2.9 mils
– Wet	4.6 – 6.4 mils					
– Dry	2.1 – 2.9 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	<table border="0"> <tr> <td>– To Touch</td> <td>1 Hour</td> </tr> <tr> <td>– To Recoat</td> <td>4 Hours</td> </tr> </table>	– To Touch	1 Hour	– To Recoat	4 Hours
– To Touch	1 Hour					
– To Recoat	4 Hours					
	High humidity and cool temperatures will result in longer dry, recoat and service times.					
	Dries By	Evaporation, Coalescence				
	Viscosity	107 ± 2 KU				
	Flash Point	None				
	Gloss / Sheen	Flat (0 – 3 @ 85°)				
	Surface Temperature at Application	<table border="0"> <tr> <td>– Min.</td> <td>4.4 °C (40 °F)</td> </tr> <tr> <td>– Max.</td> <td>32.2 °C (90 °F)</td> </tr> </table>	– Min.	4.4 °C (40 °F)	– Max.	32.2 °C (90 °F)
– 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	5.67 kg (12.5 lbs)				
	Storage Temperature	<table border="0"> <tr> <td>– Min.</td> <td>4.4 °C (40 °F)</td> </tr> <tr> <td>– Max.</td> <td>32.2 °C (90 °F)</td> </tr> </table>	– Min.	4.4 °C (40 °F)	– Max.	32.2 °C (90 °F)
– Min.	4.4 °C (40 °F)					
– Max.	32.2 °C (90 °F)					
	Volatile Organic Compounds (VOC)					
	45 g/L					

◇ Reported values are for Pastel Base. Contact Benjamin Moore for values of other bases or colours

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 (K318) prior to coating the surface. **Caution:** Refer to the (K318) 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 logging onto Health Canada @ http://www.hc-sc.gc.ca/ewh-semt/contaminants/lead-plomb/asked_questions-questions_posees-eng.php

Primer/Finish Systems

Aura® Waterborne Exterior Flat Finish is self priming on most properly prepared substrates, including: wood, fibre 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 colours, Aura® Colour Foundation must be used to achieve maximum hide and the desired topcoat colour. Consult your retailer.

Wood (Including Shakes and Shingles)

Primer: No primer needed
Finish: 2 coats Aura® Waterborne Exterior Paint Flat Finish (K629)

Bleeding Type Woods, (Redwood and Cedar)

Primer: Fresh Start® Exterior Wood Primer (K094), Fresh Start® Multi-Purpose Oil Based Primer (F024) or 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (K046) may be used
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

Hardboard Siding, Bare or Factory Primed

Primer: No primer needed
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

Vinyl & Vinyl Composite Siding

Note: Ensure that the surface is properly cleaned and in good condition. For colours that are safe for use on these substrates, use approved Vinyl Select colours. For more information, see <http://www.benjaminmoore.com/en-ca/for-contractors/painting-vinyl-and-aluminum-siding>

Primer: Fresh Start® Multi-Purpose Latex Primer (F023).
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

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 (K608). All surfaces must be thoroughly brushed with stiff fibre bristles to remove loose particles.

Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

Poured or Pre-cast Concrete and Fibre Cement Siding

Primer: No primer needed
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

Masonry, Weathered and Unpainted, Soft with Age (Including Unglazed Brick): Remove any loose, sandy masonry by dry brushing.

Primer: using Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (K608)
Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Flat Finish (K629)

Ferrous Metal (Steel and Iron)

Primer: Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)
Finish: 1 or 2 coats Aura® Waterborne Exterior Flat Finish (K629)

Non-Ferrous Metal (Galvanized & Aluminium) 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 Flat Finish (K629)

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 levelling; 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® 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 to a can of 3.79 L of paint Never add other paints or solvents.
Roller: Aura® Roller cover		
Spray: Airless Pressure: 2,000 -3,000 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: 14.9 - 24.6 sq. m. (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.

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.

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

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