



AURA®

EXTERIOR WATERBORNE PAINT

SATIN FINISH K631

Features

- Extreme hide, never more than two coats in any colour
- Colour lock technology and extreme UV resistance
- Low temperature application
- Superior adhesion
- Delivers a high-build paint film for excellent durability
- Soap and water clean up
- 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
- Vapour permeable

General Description

A super premium quality, 100% acrylic exterior satin 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).

Recommended For

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

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

<p>Colours: — Standard: White (01)</p> <p>— Tint Bases: Benjamin Moore® Gennex® bases 1X, 2X, 3X & 4X</p> <p>— Special Colours: Contact your Benjamin Moore® representative.</p> <p>Certification: VOC compliant in all regulated areas. The following results are based on independent, third-party laboratory testing: -Passes Wind Driven Rain Test (38.4 ml) ASTM D6904 (TT-C-555B) 1 coat Ultra Spec® Acrylic Masonry Sealer K608 @ 4 mils WFT 2 coats Aura® Exterior Paint Satin Finish K631 each @ 1.85 mils DFT -Passes Alkali Resistance Test ASTM D1308 (24 hrs. no effect) 1 coat Ultra Spec® Acrylic Masonry Sealer K608 @ 4 mils WFT 2 coats Aura® Exterior Paint Satin Finish K631 each @ 1.85 mils DFT -Passes Conical Mandrel Flexibility Test ASTM D522 (no cracking) 1 coat Aura® Exterior Paint Satin Finish K631 @ 1.6 mils DFT -Passes Mildew, Mould Resistance Test ASTM D3273/ D3274 (no growth) -ASTM D1653 Water Vapour Transmission Properties 60.2 perms @ 2.0 mils DFT -ASTM D2370 Tensile Properties Peak Tensile Strength, psi 406 Elongation at Break, percent 380</p> <p>Customer Information Centre: 1-800-361-5898, info@benjaminmoore.ca, www.benjaminmoore.ca</p>	<table border="1"> <thead> <tr> <th>Technical Data◇</th> <th>Pastel Base</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td>100% Acrylic Latex</td> </tr> <tr> <td>Pigment Type</td> <td>Titanium Dioxide</td> </tr> <tr> <td>Volume Solids</td> <td>40.4%</td> </tr> <tr> <td>Coverage per 3.79 L at Recommended Film Thickness</td> <td>23.2 – 32.5 sq. m. (250 – 350 sq. ft.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet 4.6 – 6.4 mils – Dry 1.9 – 2.6 mils</td> </tr> <tr> <td colspan="2">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.</td> </tr> <tr> <td>Dry Time @ 25 °C (77 °F) @ 50% RH</td> <td>– To Touch 1 Hour – To Recoat 4 Hours</td> </tr> <tr> <td colspan="2">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td>Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td>102 ± 2 KU</td> </tr> <tr> <td>Flash Point</td> <td>None</td> </tr> <tr> <td>Gloss / Sheen</td> <td>Satin (35-50 @ 60°)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)</td> </tr> <tr> <td>Thin With</td> <td>See Chart</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Clean Water</td> </tr> <tr> <td>Weight Per 3.79 L</td> <td>5.1 kg (11.2 lbs)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2" style="text-align: center;">44 g/L</td> </tr> </tbody> </table>	Technical Data◇	Pastel Base	Vehicle Type	100% Acrylic Latex	Pigment Type	Titanium Dioxide	Volume Solids	40.4%	Coverage per 3.79 L at Recommended Film Thickness	23.2 – 32.5 sq. m. (250 – 350 sq. ft.)	Recommended Film Thickness	– Wet 4.6 – 6.4 mils – Dry 1.9 – 2.6 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	– 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	102 ± 2 KU	Flash Point	None	Gloss / Sheen	Satin (35-50 @ 60°)	Surface Temperature at Application	– 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	5.1 kg (11.2 lbs)	Storage Temperature	– Min. 4.4 °C (40 °F) – Max. 32.2 °C (90 °F)	Volatile Organic Compounds (VOC)		44 g/L	
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◇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-based 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 Multi-Purpose Cleaner (K318) prior to coating the surface. **Caution:** Refer to the (K318) 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 Satin Finish is self priming on most properly prepared substrates, including: wood, fibre cement board, hardboard, nonferrous metals and cured masonry surfaces. Aura® will act as its own primer, providing the optimal foundation for the subsequent finish coat. 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® Exterior Waterborne Paint Satin Finish (K631)

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® Exterior Waterborne Paint Satin Finish (K631)

Hardboard Siding, Bare or Factory Primed

Primer: No primer needed
Finish: 1 or 2 coats Aura® Exterior Waterborne Paint Satin Finish (K631)

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® Exterior Waterborne Paint Satin Finish (K631)

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® Exterior Waterborne Paint Satin Finish (K631)

Poured or Pre-cast Concrete and Fibre Cement Siding

Primer: No primer needed
Finish: 1 or 2 coats Aura® Exterior Waterborne Paint Satin Finish (K631)

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 (K608)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (K631)

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® Exterior Waterborne Paint Satin Finish (K631)

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: No primer needed

Finish: 1 or 2 coats Aura® Exterior Waterborne Paint Satin Finish (K631)

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.

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

May cause allergic skin reaction.
Do not get on skin or clothing.

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.