



AURA[®]

WATERBORNE EXTERIOR PAINT

SATIN FINISH 631

Features

- Extreme hide, never more than two coats in any color
- Color 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
- 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 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 40° F.

Limitations

- Do not apply when air and surface temperatures are below 40° F (4.4° C).
- Do not paint vinyl siding or trim darker than the original color. See the Benjamin Moore[®] Vinyl Select palette for exceptions to that rule.

Product Information

<p>Colors:—Standard: White (01)</p> <p>—Tint Bases: 1X, 2X, 3X, & 4X Tint Bases only with Gennex[®] Waterborne Colorant</p> <p>—Special Colors: Contact your Benjamin Moore & Co. representative</p> <p>Certification:</p> <p>VOC compliant in all regulated areas</p> <p>The following results are based on independent, third-party laboratory testing:</p> <p>-Passes Wind Driven Rain Test (1.3 oz) ASTM D6904 (TT-C-555B) 1 coat 066 Moore's[®] Masonry Sealer @ 4 mils WFT 1 coats Aura[®] Exterior Paint Satin Finish 631 each @ 1.85 DFT</p> <p>-Passes Alkali Resistance Test (24 hrs. no effect) ASTM D1308 1 coat 066 Moore's[®] Masonry Sealer @ 4 mils WFT 1 coats Aura[®] Exterior Paint Satin Finish 631 each @ 1.85 DFT</p> <p>-Passes Conical Mandrel Flexibility Test (no cracking) ASTM D522 1 coat Aura[®] Exterior Paint Satin Finish 631 @ 1.6 DFT</p> <p>-Passes Mildew, Mold Resistance Test (no growth) ASTM D3273</p> <p>-ASTM D1653 Water Vapor Transmission Properties 60.2 perms @ 20 mils DFT</p> <p>-ASTM D2370 Tensile Properties Peak Tensile Strength, psi 406 Elongation at Break, percent 380</p> <p>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.</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 Gallon at Recommended Film Thickness</td> <td>250 – 350 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td></td> </tr> <tr> <td>– Wet</td> <td>4.6 – 6.4 mils</td> </tr> <tr> <td>– Dry</td> <td>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 color uniformity and minimize the disposal of excess paint</td> </tr> <tr> <td>Dry Time @ 77° F (25° C) @ 50% RH</td> <td></td> </tr> <tr> <td>– To Touch</td> <td>1 Hour</td> </tr> <tr> <td>– To Recoat</td> <td>4 Hours</td> </tr> <tr> <td colspan="2">Painted surfaces can be washed after two weeks. 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 (25-35 @ 60°)</td> </tr> <tr> <td>Surface Temperature at Application</td> <td></td> </tr> <tr> <td>– Min.</td> <td>40° F</td> </tr> <tr> <td>– Max</td> <td>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 Gallon</td> <td>11.2 lbs</td> </tr> <tr> <td>Storage Temperature</td> <td></td> </tr> <tr> <td>– Min.</td> <td>40° F</td> </tr> <tr> <td>– Max</td> <td>90° F</td> </tr> <tr> <td colspan="2">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td>44 Grams / Liter</td> <td>0.37 LBS / Gallon</td> </tr> </tbody> </table>	Technical Data [⊙]	Pastel Base	Vehicle Type	100% Acrylic Latex	Pigment Type	Titanium Dioxide	Volume Solids	40.4%	Coverage per Gallon at Recommended Film Thickness	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 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	102 ± 2 KU	Flash Point	None	Gloss / Sheen	Satin (25-35 @ 60°)	Surface Temperature at Application		– Min.	40° F	– Max	90° F	Thin With	See Chart	Clean Up Thinner	Clean Water	Weight Per Gallon	11.2 lbs	Storage Temperature		– Min.	40° F	– Max	90° F	Volatile Organic Compounds (VOC)		44 Grams / Liter	0.37 LBS / Gallon
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Aura® Waterborne Exterior Paint Satin Finish 631

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. Mildew must be removed by application of Benjamin Moore® Clean (318). **Caution:** Use rubber gloves, work goggles, and protective clothing. For metal surfaces, remove rust. Wipe down with paint thinner to remove surface oils.

Difficult Substrates: Benjamin Moore & Co. 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 Satin 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® Fast Dry Alkyd Primer (094); for light tannin bleed situations 1 or 2 coats of Fresh Start® 100% Acrylic Superior Primer (046) may be used

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

Hardboard Siding, Bare or Factory Primed:

Primer: Fresh Start® Fast Dry Alkyd Primer (094), Fresh Start® all Purpose 100% Acrylic Primer (N023) or Fresh Start® 100% Acrylic Superior Primer (046)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

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 Super Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (066/W066). All surfaces must be thoroughly brushed with stiff fiber bristles to remove loose particles.

Primer: Super Spec® Masonry Latex Block Filler (160)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

Poured or Pre-cast Concrete and Fiber Cement Siding:

Primer: No primer needed

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

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

Primer: Super Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (066/W066) or Super Spec® Alkyd Masonry Sealer (C077)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

Ferrous Metal (Steel and Iron):

Primer: Super Spec HP® Acrylic Metal Primer (P04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats Aura® Waterborne Exterior Paint Satin Finish (631)

Non-Ferrous Metal (Galvanized & Aluminum): All new metal surfaces must be thoroughly cleaned with Super Spec HP® Oil & Grease Emulsifier (P83) 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 Satin Finish (631)

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/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 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.		

Cleanup: 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

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.

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/Cleanup**.

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

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