AURA®

WATERBORNE EXTERIOR LOW LUSTRE U634

Features

- Excellent fade resistance and gloss retention
- Proprietary Colour Lock® Technology for unparalleled color depth
- Breathable coating less prone to blistering, providing long-term durability
- Low temperature application down to 1.7 °C
- Engineered with Gennex® Colour Technology
- Dirt pick-up resistant

General Description

A super premium quality, 100% acrylic exterior low lustre finish. AURA® Exterior combines the advantages of our proprietary Colour Lock® Technology, Gennex® Colour Technology, and latest resin technology to provide the ultimate exterior coating. Suitable for a variety of exterior substrates to provide a durable long-lasting finish with rich colours that resist fading and stand up to rain, snow, wind, and UV damage.

Recommended For

Exterior surfaces such as 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 1.7 °C (35 °F).
- For Wind-Driven Rain over smooth and stable masonry only (non-elastomeric use). Follow primer/finish instructions.

Product Information	
Standard Colours	NA
Tint Bases	1X, 2X, 3X and 4X
Colorant System	Gennex® Waterborne Colorants

Certifications & Qualifications:

VOC compliant in all regulated areas

Master Painters Institute MPI # 315

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

Passes Wind Driven Rain Test (38.4 ml) ASTM D6904
1 coat Masonry Sealer
1 – 2 coats AURA® Exterior Low Lustre U634

Passes Alkali Resistance Test (no effect) ASTM D1308
1 coat Masonry Sealer
1 – 2 coats AURA® Exterior Low Lustre U634

Passes Conical Mandrel Flexibility Test (no cracking) ASTM D522
1 coat AURA® Exterior Low Lustre U634

Passes Mildew, Mould Resistance Test (no growth) ASTM D3273/D3274
1 coat AURA® Exterior Low Lustre U634

ASTM D1653 – Water Vapour Transmission Properties
Topcoat U634-01 – 31 perms

ASTM D2370 Tensile Properties: Peak Tensile Strength, psi 422
Elongation at Break, percent 151

Technical Assistance

Available in the UK through Benjamin Moore UK showrooms and Authorized Stockists.
See www.benjaminmoorepaint.co.uk/stores for contact information.

Benjamin Moore corporate customer service +1 855-724-6802 or info@benjaminmoore.com

Technical data for base 1		
Vehicle Type		Proprietary 100% Acrylic
Pigment Type		Titanium Dioxide
Volume Solids		45.5 ± 2%
Coverage per 3.79 L at Recommended Film Thickness		23.2 – 32.5 sq. m. (250 – 350 sq. ft.)
Recommended Film Thickness	– Wet	116.4 – 163.0 µm (4.6 – 6.4 mils)
	– Dry	51.5 – 72.1 µm (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.

High Build System Coverage:
14.9 – 24.6 sq. m. (160 – 265 sq. ft.)
152 – 254 µm (6-10 mils) wet film thickness.

Dry Time @ 25 °C (77 °F) @ 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 ± 4 KU
Flash Point		None
Gloss / Sheen		Low Lustre (9 – 15 @ 60°)
Surface Temperature at Application	– Min.	1.7 °C (35 °F)
	– Max.	37.7 °C (100 °F)
Thin With		See Page 2
Clean Up Thinner		Clean Water
Weight Per 3.79 L		5.6 kg (12.5 lbs)
Storage Temperature	– Min.	4.4 °C (40 °F)
	– Max	32.2 °C (90 °F)

Volatile Organic Compounds (VOC)

EU limit for this product is (Cat.A/c) 40 g/L
MAX VOC 22 g/L

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 (318) prior to coating the surface. **Caution:** Refer to the (318) 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.

Primer/Finish Systems

AURA® Exterior Low Lustre 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: Certain deep custom colours may require Fresh Start® High-Hiding All Purpose Primer Deep Base (046-04) tinted to a special prescription formula to achieve the desired colour. Consult your Benjamin Moore® retailer for additional information.

Wood (Including Shakes and Shingles)
Primer/Finish: 2 coats AURA® Waterborne Exterior Low Lustre (U634)

Bleeding Type Woods, (Redwood and Cedar)
Primer: 1-2 coats of Fresh Start® High-Hiding All Purpose Primer (046) or an appropriate oil-based primer
Finish: 1 or 2 coats AURA® Waterborne Exterior Low Lustre (U634)

Hardboard Siding, Bare or Factory Primed
Primer/Finish: 1 or 2 coats AURA® Waterborne Exterior Low Lustre (U634)

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)

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

Rough or Pitted Masonry
Primer: Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)
Finish: 1 or 2 coats AURA® Waterborne Exterior Low Lustre (U634)

Poured or Pre-cast Concrete and Fibre Cement Siding
Primer/Finish: 1 or 2 coats AURA® Waterborne Exterior Low Lustre (U634)

Masonry, Weathered and Unpainted, Soft with Age (Including Unglazed Brick): Remove any loose, sandy masonry by dry brushing.
Primer: Fresh Start® High-Hiding All Purpose Primer (046)
Finish: 1 or 2 coats AURA® Waterborne Exterior Low Lustre (U634)

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 Low Lustre Finish (U634)

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 Low Lustre Finish (U634)

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

Application

Mixing of Paint: Stir thoroughly before and during use. 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
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.)
152 – 254 µm (6-10 mils) wet film thickness.

Thinning/Clean Up

Conditioning with Benjamin Moore® 518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

Add 518 Extender or water - Max of 236 mL to a can of 3.79 L
Never add other paints or solvents.

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.

WARNING

Contains Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidinyl) ester, Carbamic acid, butyl-, 3-iodo-2-propynyl ester, Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-, Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxoprop

Hazard statements

H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.
Contains 2-Methyl-4-isothiazolin-3-one, Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester, 1,2-Benzisothiazolin-3-one, 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1). May produce an allergic reaction
EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P280 - Wear protective gloves. P302 + P352 - IF ON SKIN: Wash with plenty of water and soap. P501 - Dispose of contents/ container to an approved waste disposal plant.

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.