

Features

- Low odour
- Excellent hiding
- Great touch up
- Spatter resistant
- Decorative and uniform flat finish
- Washable
- Quick dry
- Easy application
- Soap and water clean up
- Superior flow and levelling
- Eligible for LEED® v4 credit

Recommended For

Low abuse interior wall and ceiling surfaces in commercial and institutional environments where flat finish is desired. For new or previously painted interior wallboard, masonry, and primed or previously painted plaster, wood or metal.

General Description

A professional-quality interior waterborne flat finish based on a proprietary acrylic cross-linking resin that tints on the Gennex® colorant system. This waterborne interior flat provides a decorative flat finish that is eligible for LEED® v4 credit and passes the most stringent environmental standards in any colour. Because they tint on our Gennex® waterborne colorant system all Ultra Spec® 500 finishes are available in any colour without an increase in VOC.

Limitations

- Do not apply when air and surface temperatures are below 10 °C (50 °F)

Product Information		Technical data for base 1	
Standard Colours	White (01)	Vehicle Type	Acrylic Copolymer
Tint Bases	1X, 2X, 3X and 4X	Pigment Type	Titanium Dioxide
Colorant System	Gennex® Waterborne Colorants	Volume Solids	41 ± 2 %
Certifications & Qualifications:		Coverage per 3.79 L at	37.1 – 41.8 sq. m.
VOC compliant in all regulated areas		Recommended Film Thickness	(350 – 400 sq. ft.)
Eligible for LEED® v4 Credit		Recommended Film Thickness	101.6 – 111.8 µm
Qualifies for CHPS low emitting credit (Collaborative for High Performance Schools)		– Wet	(4.0 – 4.4 mils)
CDPH v1 Emission Certified		– Dry	43.2 – 48.2 µm
Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84			(1.7 – 1.9 mils)
Anti-microbial - This product contains antimicrobial additives that inhibit the growth of mold and mildew on the surface of the paint film.		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.	
This Benjamin Moore product has been tested by independent third parties and meets or exceeds the published chemical restriction and performance criteria of the Green Seal™ GS-11 2015 standard		Dry Time @ 25 °C (77 °F) @ 50 % RH	– To Touch 1 Hour
Master Painters Institute MPI # 53, 53 X-Green™, 143, 143 X-Green™			– To Recoat 2 – 3 Hours
		Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
Benjamin Moore's Green Promise® designation is our company's assurance that this product meets – and often exceeds – rigorous environmental and performance criteria regarding VOCs, emissions, application, washability, scrubability and packaging, while also delivering the premium levels of performance you expect from Benjamin Moore.		Dries By	Coalescence
Technical Assistance		Viscosity	95 ± 5 KU
Available in the UK through Benjamin Moore UK showrooms and Authorized Stockists.		Flash Point	None
See www.benjaminmoorepaint.co.uk/stores for contact information.		Gloss / Sheen	Flat (0 – 2.5 @ 85°)
Benjamin Moore corporate customer service +1 855-724-6802 or info@benjaminmoore.com		Surface Temperature at Application	– Min. 10 °C (50 °F)
			– Max. 32.2 °C (90 °F)
		Thin With	See Page 2
		Clean Up Thinner	Clean Water
		Weight Per 3.79 L	5.3 kg (11.6 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/a) 30 g/L	
		Max VOC 0.5 g/L	

Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials and mildew. Remove any peeling or scaling paint, and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust. Spot prime before and after filling nail holes, cracks, and other surface imperfections.

New plaster or masonry surfaces must be allowed to cure (30 days) before applying base coat. Cured plaster should be hard, have a slight sheen and maximum pH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

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, galvanized metal, 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

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant colour change is desired. **Special Note:** Certain deep custom colors may require a Deep Base Primer tinted to a special prescription formula to achieve the desired colour. Consult your Benjamin Moore® retailer.

Wood and Engineered Wood Products:

Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Bleeding woods such as cedar and redwood:

Primer: Fresh Start® High-Hiding All Purpose Primer (046) or an appropriate oil-based primer.

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Plaster/Wallboard

Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Rough or Pitted Masonry

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

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Smooth Poured or Precast Concrete

Primer: Ultra Spec® 500 Interior Latex Primer (N534) or Fresh Start® High-Hiding All Purpose Primer (046)

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Ferrous Metal (steel & iron)

Primer: Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

Non-Ferrous Metal (galvanized & aluminum)

All new metal surfaces must be thoroughly cleaned with Oil & Grease Emulsifier Corotech® 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: Ultra Spec® HP Acrylic Metal Primer (HP04)

Finish: 1 or 2 coats of Ultra Spec® 500 Interior Flat Finish (T535)

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

Application

Stir thoroughly before use. Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended nylon/polyester brush, Benjamin Moore® Professional roller, or a similar product. This product can also be sprayed.

Brush: Nylon / Polyester

Roller: 10 mm Roller Cover

Spray, Airless

Pressure: 1,500-2,500 psi; Tip: 0.015-0.017

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 2-Methyl-4-isothiazolin-3-one



Hazard statements

H317 - May cause an allergic skin reaction. EUH208 - Contains (1,2-Benzisothiazolin-3-one). 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)

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P280 - Wear protective gloves. P321 - Specific treatment (see supplemental first aid instructions on this label). P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash it before reuse. 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.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under **Thinning/Clean up**.

PROTECT FROM FREEZING