

General Description

A professional-quality interior waterborne flat finish based on a proprietary cross-linking acrylic resin that tints on the Gennex® zero VOC colorant system. This waterborne interior flat provides a decorative flat finish that is eligible for LEED® v4 credit.

- Zero VOC
- Excellent hiding
- Low odor
- Great touch up
- Superior flow and leveling
- Decorative and uniform flat finish

Usage

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.

Colours	White (01)
Bases	Gennex® Bases 1X – 4X
Colorant System	Gennex®

Technical Data / Base 1

Vehicle	Acrylic Copolymer
Pigment	Titanium Dioxide
Volume Solids	42.3 ± 2%
Spread Rate Per 3.79 L	32.5 – 37.2 sq. m. (350 – 400 sq. ft.)
Recommended	Wet: 4.0 – 4.6 mils
Film Thickness	Dry: 1.6 – 1.9 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	To Touch: 1 hour
(77 °F) @ 50% RH	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.	
Surface Temperature	Min: 10 °C (50 °F)
During Application	Max: 32.2 °C (90 °F)
Viscosity	94 ± 4 KU
Flash Point	None
Sheen / Gloss	0 – 2.5 @ 85°
Clean Up	Water
Thinner	refer to page 2
Weight Per 3.79 L	5.1 kg (11.4 lbs.)
Storage Temperature	Min: 4.4 °C (40 °F)
	Max: 32.2 °C (90 °F)
VOC	0 g/L

Primer 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 custom colours require a Deep Colour Base Primer tinted to a special prescription formula to achieve the desired colour. Consult your retailer.

Wood, and engineered wood products:

Ultra Spec® 500 Interior Latex Primer (K534) or Fresh Start® Undercoater and Primer/Sealer (K032)

Bleeding Woods (Redwood, Cedar, etc.):

Fresh Start® Undecoater and Primer/Sealer (K032) or Fresh Start® High-Hiding All Purpose Primer (K046)

Drywall:

Ultra Spec® 500 Interior Latex Primer (K534) or this product

Plaster (Cured):

Ultra Spec® 500 Interior Latex Primer (K534) or Fresh Start® High-Hiding All Purpose Primer (K046)

Rough or Pitted Masonry:

Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)

Smooth Poured or Pre-cast Concrete:

Fresh Start® High-Hiding All Purpose Primer (K046)

Ferrous Metal (Steel and Iron):

Ultra Spec® HP Acrylic Metal Primer (FP04) or Super Spec HP® Alkyd Metal Primer (KP06)

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. Ultra Spec® HP Acrylic Metal Primer (FP04)

Repaint, All Substrates:

Prime bare areas with the primer recommended above for the substrate.

Limitations

- Do not paint when air or surface temperature is below 10 °C (50 °F).

Compliance & Certifications

Eligible for LEED® v4	✓
CDPH Emissions Certified	✓
Eligible for CHPS low emitting credit (Collaborative for High Performance Schools)	✓
Benjamin Moore's Green Promise®	✓
MPI	53, 143
MPI X-Green™	53, 143

Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

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.



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.

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-800-361-5898
visit www.benjaminmoore.ca

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.

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 before priming.

Difficult Substrates: Benjamin Moore offers a variety of specialty primers for use over difficult substrates such as plaster, 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 or architectural representative 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 @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

Application

Stir thoroughly before and during use. Apply 1 – 2 coats. For best results, use a premium Benjamin Moore® custom-blended nylon/polyester brush, premium Benjamin Moore® roller or a similar product. Apply paint generously from unpainted area into wet area. Avoid lap marks by maintaining a wet edge.

Brush: Nylon / polyester

Roller: Premium Quality

Spray, Airless:

Pressure / 1,500 – 2,500 PSI

Tip / 0.013 – 0.017

Thinning/Cleaning

Conditioning with Benjamin Moore® K518 Extender may be necessary under certain conditions to adjust open time or spray characteristics.

Add K518 Extender or water - Max of 236 mL to 3.79 L of paint
Never add other paints or solvents.

Clean Up: Wash brushes, rollers, and other 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.

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

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