

## General Description

Element Guard™ performs in any weather and is specially formulated to tackle one of the most difficult painting environments: high moisture. This premium exterior paint can resist rain as soon as 60 minutes after application and in temperatures down to 1.7 °C (35 °F). It provides excellent adhesion and resistance to cracking and peeling to withstand wind-driven rain, humidity and other harsh weather.

- Resists exposure to rain as soon as 60 minutes after application\*
- Low surface temperature application down to 1.7 °C
- Provides a mildew-resistant coating
- Limited Lifetime Warranty
- Engineered with Gennex® Colour Technology

\*After application over wood, primed surfaces or previously painted surfaces (25 °C (77 °F) / 50% RH). Other surfaces such as hardboard or vinyl may require a longer dry time.

## Usage

Exterior surfaces such as new or previously painted wood, hardboard siding, cured masonry, EIFS, vinyl and unglazed brick.

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

## Technical Data / Base 1

Vehicle	100% Acrylic
Pigment	Titanium Dioxide
Volume Solids	34.2 ± 2%
Spread Rate Per 3.79 L	27.9 – 37.2 sq. m. (300 – 400 sq. ft.)
Recommended	Wet: 4.0 – 5.3 mils
Film Thickness	Dry: 1.4 – 1.8 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
Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
Surface Temperature During Application	Min: 1.7 °C (35 °F) Max: 37.7 °C (100 °F)
Viscosity	102 ± 4 KU
Flash Point	None
Sheen / Gloss	10 – 15 @ 60°
Clean Up	Water
Thinner	refer to page 2
Weight Per 3.79 L	4.9 kg (10.8 lbs.)
Storage Temperature	Min: 4.4 °C (40 °F) Max: 32.2 °C (90 °F)
VOC	40.9 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:**  
Fresh Start® High-Hiding All Purpose Primer (K046)

**Bleeding Woods (Redwood, Cedar, etc.):**  
Fresh Start® Exterior Deck & Siding Primer (K094) or Fresh Start® High-Hiding All Purpose Primer (K046)

**Hardboard Siding, Bare or Factory Primed:**  
Fresh Start® High-Hiding All Purpose Primer (K046)

**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 (K046)

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

**Rough or Pitted Masonry:**  
Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (K571)

**Poured or Pre-cast Concrete/Fiber Cement Siding:**  
Fresh Start® High-Hiding All Purpose Primer (K046)

**Brick (unglazed):**  
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. Self-priming once properly prepared.

## Limitations

- Do not apply when air or surface temperatures are below 1.7 °C (35 °F)
- For exterior use only

## Compliance & Certifications

ASTM D6904	Pass: (< 0.2)
Wind Driven Rain	1 coat Masonry Sealer - 1-2 coats K764
ASTM D3273/D3274	Pass: No Growth
Mildew Resistance Test	27.8 perms
ASTM D1653	Pass: No Cracking
Water Vapor Permeance	52 %
ASTM D522/522M	700 PSI
Flexibility	
ASTM D2370 Elongation & Tensile Strength	
MPI	15

**LIFETIME LIMITED WARRANTY:** Benjamin Moore & Co., Limited warrants that this product, when used in accordance with the label instructions, will not: 1. blister from properly prepared and primed surfaces; 2. peel from properly prepared and primed surfaces; and 3. wear down or weather to expose the previously painted surface. This limited warranty shall be effective for so long as you reside in your home and is made to the original residential consumer paint purchaser. This limited warranty is non-transferable. If this product fails to perform as explained above when used according to label instructions within the warranty period, Benjamin Moore & Co., Limited will, upon presentation of proof of purchase (original sales receipt), provide an equivalent or comparable product at no charge. Since we have no control over surface preparation or application, this limited warranty does not include the cost of labour for application of paint. Benjamin Moore & Co., Limited shall in no event be liable for indirect, special, incidental or consequential damages, including economic loss. This limited warranty gives you specific legal rights and is applicable to products sold in Canada. You may also have other rights, which vary from province to province. EXCEPT AS SET OUT ABOVE OR PURSUANT TO APPLICABLE LAWS, THE LIMITED WARRANTY PROVIDED ABOVE IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY BENJAMIN MOORE & CO., LIMITED TO YOU FOR THIS PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, WHETHER ARISING OUT OF OPERATION OF LAW OR OTHERWISE.

## Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-800-361-5898  
visit [www.benjaminmoore.ca](http://www.benjaminmoore.ca)

## 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 (K318) prior to coating the surface.

**Caution:** Refer to the (K318) 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.

All new masonry surfaces must be power washed or brushed thoroughly with stiff fiber bristles to remove loose particles. New masonry substrates must be allowed to cure for 30 days before priming or painting. 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.

**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 @ <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 one or two 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.

**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.

## Environmental Health & Safety Information

**May cause allergic skin reaction.**

**Do not get on skin or clothing.**

**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.

**WARNING:** This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

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

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