

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 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 35 °F
- Provides a mildew-resistant coating
- Limited Lifetime Warranty
- Engineered with Gennex® Color Technology

*After application over wood, primed surfaces or previously painted surfaces (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.

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

Technical Data / Base 1

Vehicle	100% Acrylic
Pigment	Titanium Dioxide
Volume Solids	37.8 ± 2%
Spread Rate Per Gallon	300 – 400 Sq. Ft.
Recommended	Wet: 4.0 – 5.3 mils
Film Thickness	Dry: 1.5 – 2.0 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.	
Surface Temperature During Application	Min: 35 °F Max: 100 °F
Viscosity	100 ± 4 KU
Flash Point	None
Shen / Gloss	50 – 60 @ 60°
Clean Up	Water
Thinner	refer to page 2
Weight Per Gallon	10.6 lbs.
Storage Temperature	Min: 40 °F Max: 90 °F
VOC	45.8 g/L .38 lbs./gal

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 color change is desired.

Special Note: Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

Wood, and engineered wood products:

Fresh Start® High-Hiding All Purpose Primer (046)

Bleeding Woods (Redwood, Cedar, etc.):

Fresh Start® Exterior Deck & Siding Primer (094) or Fresh Start® High-Hiding All Purpose Primer (046)

Hardboard Siding, Bare or Factory Primed:

Fresh Start® High-Hiding All Purpose Primer (046)

Plaster (Cured):

Fresh Start® High-Hiding All Purpose Primer (046)

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)

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 (571)

Poured or Pre-cast Concrete/Fiber Cement Siding:

Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608)

Brick (unglazed):

Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608) or Fresh Start® High-Hiding All Purpose Primer (046)

Ferrous Metal (Steel and Iron):

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

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 (HP04)

Repaint, All Substrates:

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

Limitations

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

Compliance & Certifications

OTC	✓
OTC II	✓
CARB	✓
CARB07	✓
CARB19	✓
UTAH	✓
AZMC	✓
SCAQMD	✓

ASTM D6904 Pass: (< 0.2)
Wind Driven Rain
1 coat Masonry Sealer 608 or
Masonry Primer N609; 1-2 coats of 765

ASTM D3273/D3274 Pass: No Growth

Mildew Resistance

ASTM D1653 30.0 perms

Water Vapor Permeance

ASTM D522/522M Pass: No Cracking

Flexibility

ASTM D2370 Elongation 800 PSI

& Tensile Strength 141%

MPI 11

LIMITED LIFETIME WARRANTY: Benjamin Moore & Co. 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 warranty shall be effective for so long as you reside in your home and is made to the original residential consumer paint purchaser. This 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. 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 LIFETIME WARRANTY DOES NOT INCLUDE THE COST OF LABOR FOR APPLICATION OF PAINT. BENJAMIN MOORE SHALL IN NO EVENT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE LIMITATIONS OR EXCLUSIONS CONTAINED IN THE ABOVE WARRANTY MAY NOT APPLY TO YOU. This warranty gives you specific legal rights; you may also have other rights which vary state to state.

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-866-708-9180
visit www.benjaminmoore.com

Surface Preparation

Surfaces must be clean, dry and free of oil, grease, wax, rust, mildew, chalk and loose or scaling paint. Cement based water proofing paints should be removed. Glossy surfaces must be dulled. Un-weathered areas such as eaves, porch ceilings, overhangs and protected wall areas should be washed with a Benjamin Moore® Clean (N318) and rinsed with a strong stream of water from a garden hose or power washer to remove contaminants that can interfere with proper adhesion. Stains from mildew must be removed by cleaning with Benjamin Moore® Clean (N318) prior to coating the surface.

Caution: Refer to the (N318) Clean technical data and material safety data sheets for instructions on its proper use and handling.

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 contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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 – 2,000 PSI

Tip / 0.010 – 0.015

Thinning/Cleaning

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 8 fl. oz. to a gallon 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

Possible birth defect hazard. Contains, Carbamic acid, 1H-benzimidazol-2-yl-, methyl ester, which may cause birth defects based on animal data.

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 can expose you to chemicals including Methyl isobutyl ketone, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov

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.

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 “Clean up”.

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

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