



ELEMENT GUARD™

EXTERIOR FLAT FINISH U763

Features

- Resists exposure to rain as soon as 60 minutes after application*
- Provides a mildew-resistant coating
- Low temperature application down to 1.7 °C
- Limited Lifetime Warranty

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

Recommended For

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

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 be applied as soon as 60 minutes before rainfall 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.

Limitations

- Do not apply when air and surface temperatures are below 1.7 °C (35 °F).

Product Information		Technical data	
Standard Colours	NA	Vehicle Type	100% Acrylic
Tint Bases	1X, 2X, 3X and 4X	Pigment Type	Titanium Dioxide
Colorant System	Gennex® Waterborne Colorants	Volume Solids	34.5 ± 2%
Certifications & Qualifications:		Coverage per 3.79 L at	27.9 – 37.2 sq. m. (300
Master Painters Institute MPI # 10		Recommended Film Thickness	– 400 sq. ft.)
The following results are based on independent, third-party laboratory testing:		Recommended Film Thickness	– Wet 101.9 – 135.8 µm (4.0 – 5.3 mils)
ASTM D6904	Pass: (< 0.2)	Thickness	– Dry 35.1 – 46.9 µm (1.4 – 1.8 mils)
Wind Driven Rain		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.	
1 coat Masonry Sealer; 1-2 coats of U763		Dry Time @ 25 °C	– To Touch 1 Hour
ASTM D3273/D3274 Mildew Resistance	Pass: No Growth	(77 °F) @ 50 % RH	– To Recoat 4 Hours
ASTM D1653 Water Vapor Permeance	32.9 perms	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.	
ASTM D522/522M Flexibility	Pass: No Cracking	Viscosity	102 ± 4 KU
ASTM D2370 Elongation & Tensile Strength	103% / 702 PSI	Flash Point	None
Technical Assistance		Gloss / Sheen	0.5 – 2.5 @ 85°
Available in the UK through Benjamin Moore UK showrooms and Authorized Stockists.		Surface Temperature at Application	– Min. 1.7 °C (35 °F)
See www.benjaminmoorepaint.co.uk/stores for contact information.			– Max. 37.7 °C (100 °F)
Benjamin Moore corporate customer service +1 855-724-6802 or info@benjaminmoore.com		Thin With	See Page 2
		Clean Up Thinner	Clean Water
		Weight Per 3.79 L	5.0 kg (11.1 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 16 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. 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

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 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 (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)

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.

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/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.

Environmental Health & Safety Information

WARNING

Contains 5-Chloro-2-methyl-3(2H)-isothiazolone mixture with 2-methyl-3(2H)-isothiazolone (3:1), Carbamic acid, butyl-, 3-iodo-2-propynyl ester, 2-Methyl-4-isothiazolin-3-one



Hazard statements

H317 - May cause an allergic skin reaction. H412 - Harmful to aquatic life with long lasting effects.

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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.