

MAX* Shield Ultra Seal Advanced Polymer Acrylic Latex Sealant

Product Description

GE-Branded Max Shield Ultra Seal Advanced Polymer Acrylic Latex is a premium sealant ideal for painting projects susceptible to humidity and moisture. Formulated with Tri Shield Protection, this sealant is 100% waterproof, and offers exceptional flexibility, excellent adhesion to a wide variety of common kitchen and bath surfaces, and lifetime mold-free product protection. This paintable sealant resists cracking is low in odor, guns out effortlessly, tools smoothly, and cleans-up easily with soap and water. Durable and scrubbable, this premium sealant creates seals that retain their original clean look for long lasting, professional results. Guaranteed for as long as you own your home.⁽¹⁾

Product Attributes

- Tri-Shield Protection
 - 100% waterproof – can withstand humidity and moisture
 - Excellent flexibility – can stretch over 500%⁽²⁾
 - Lifetime mold free guarantee – cured caulk is resistant to mold and mildew growth
- Excellent adhesion to most conventional kitchen and bath materials, including most wood, metal, concrete, brick, plaster, masonry, glass, porcelain and ceramic tile
- Low odor and low VOC (Meets CARB VOC Limits)
- Easy application
- Soap and water clean-up

Lifetime Mold-Free Product Protection

Fully cured sealant is resistant to stain-causing mold and mildew. Regular cleaning of sealant is required, as soap and other residue may cause secondary mold and mildew growth.

Paint-Friendly

Max Shield Ultra Seal Acrylic Latex sealant won't cause paint to crack or fade when painted. Compatible with latex and most oil-based paints.

Joint Movement/Flexibility

Max Shield Ultra Seal Acrylic Latex sealant exceeds ASTM C-920, Class 12.5 requirements for better crack resistance. Max Shield Ultra Seal sealant can stretch over 500%.⁽²⁾ This sealant also exceeds ASTM C-834, Grade -18°C flexibility requirements.

*MAX is a trademark of Momentive Performance Materials Inc.

(1) Manufacturer warrants that this product, when handled and used as directed, will meet the above specifications for as long as you own your home. If not satisfied, return proof of purchase for refund. This is the sole and exclusive remedy and Manufacturer shall not be liable for any damages in excess of the purchase price. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS.

(2) Based on ASTM C-920, TYPE-S, NS, CLASS 12.5 analysis, product can span gaps of up to 1/2" x 1/2" with over 500% stretch and 12.5% joint movement.





Basic Uses

Max* Shield Ultra Seal Advanced Polymer Acrylic Latex sealant can be used in a wide variety of applications including, but not limited to, trim, cabinets, walls, molding, tiles, and countertops, showers, sinks and tubs.

Max Shield Ultra Seal Advanced Polymer Acrylic Latex sealant should not be considered:

- For structural repairs.
- For below grade or water immersion.
- For applications where the surrounding materials will have sustained temperatures greater than 158°F.
- If rain or threatening weather is expected within 24 hours, delay application until dry conditions exist.
- On cured concrete surfaces, if the pH of the substrate is above 10. Allow “new” concrete to cure for 30 days before applying. After 30 days, test for alkalinity before application.
- For application to bare steel that has not been protected with a rust inhibitive primer.
- For application if relative humidity is above 90%.
- For use in food contact applications or in aquariums.
- For use on surfaces with special coatings, such as mirrors, without approval of the manufacturer of the article.
- For use under exceedingly hot or cold conditions.
- For use on wet, damp, frozen, or contaminated surfaces.
- For use on excessively basic or acid substrates.

Adheres To

Max Shield Ultra Seal Advanced Polymer Acrylic Latex sealant offers excellent adhesion to many common kitchen and bath materials including most metals, plastics and woods, glass, drywall, plaster, granite, cultured marble, ceramic and porcelain tile, natural stone, cement board, composites, Formica, fiberglass, aluminum, and painted surfaces.

Packaging

Max Shield Ultra Seal Advanced Polymer Acrylic Latex sealant is currently available in 10.1 fluid oz. cartridges and 5.5 fluid oz. squeeze tubes, in cartons of 12 each.

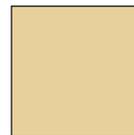
Grade	Color	UPC	Size	Pack
MAKB410WT 12C	White	077027901191	10.1 fl oz	12
MAKB410CR 12C	Clear	077027901207	10.1 fl oz	12
MAKB410AD 12C	Almond	077027901214	10.1 fl oz	12
MAKB405WT 5TG	White	077027901412	5.5 fl. oz.	12
MAKB405CR 5TG	Clear	077027901429	5.5 fl. oz.	12
MAKB405AD 5TG	Almond	077027901566	5.5 fl. oz.	12



White



Clear



Almond



Typical Physical Properties

Typical physical property values of GE-branded Max* Shield Ultra Seal Advanced Polymer Acrylic Latex sealant as supplied and cured are provided in the tables below.

Specifications		White	Clear
ASTM C-920, Class 12.5, Grade NS, TT-S-00230C, Type S, Class B		Exceeds	
ASTM C-920, Type-S, NS, Class 35. Use NT, G, A, M & O test and Federal Spec TT-S-00230C, Type II, Class A			Exceeds
ASTM C-834, Type-OP, NS, Grade -18°C requirements		Exceeds	Exceeds
Typical Uncured Physical Properties	Test Method	Value	Value
Base		Acrylic Latex	Acrylic Latex
Consistency		Smooth & Creamy	Smooth & Creamy
Odor		Slight Acrylic	Slight Acrylic
Density		9.9 ± 0.10 lbs./gal	8.4 ± 0.10 lbs./gal
Application Temperature Range		40°F -100°F	40°F -100°F
Paint Ready Time		1.5 Hours	4-6 Hours
Full Cure Time (based on 3/16 inch bead size)		24 Hours	10-14 Days
Water Ready Time		24 Hours	24 Hours
% Solids by Weight	ASTM C1250	69.2 +/- 2%	61.8 +/- 2%
Slump (sag)	ASTM C693	Passed	Passed
Tack Free Time	ASTM C679	90 Minutes	2 Hours
Freeze-Thaw Stability	ASTM C731	Passed / 5 Cycles at 0°F	Passed / 5 Cycles at 0°F
VOC (excluding water & exempt compounds)		<19 gL	<17.5 gL
CARB Non-Chem Curing (n-a) VOC		<1.5 wt.%	<1.5 wt.%
Typical Cured Physical Properties	Test Method	Value	Value
Service Temperature		-40°F -100°F	-40°F -100°F
Paintable		Latex & Oil Based Paints	Latex & Oil Based Paints
Coverage (3/16" bead)		51 Lin. Ft.	51 Lin. Ft.
Clean-up		Soap and Water	Damp, Disposable Cloth
Joint Movement Capability	ASTM C719	± 12.5%	± 35%
Tensile Elongation	ASTM D412	580%	940%
Artificial Weathering	ASTM C793	Passed	Passed
Cracking & Chalking	ASTM C792	None - Passed	None - Passed
Peel Adhesion (Dry/Wet)	ASTM C794	Passed	32 psi
Stain / Color Change	ASTM C510	Passed	Passed
Hardness (Shore A)	ASTM 661	25	16
Shelf Life (from manufacture date)		24 Months	24 Months

Typical properties are average data and are not to be used as or to develop specifications.

Instructions

1. Remove dirt, grease, moisture, soap residue & old sealant from area to be sealed. Use backer rod for gaps larger than 1/2" x 1/2".⁽¹⁾
2. Cut nozzle to obtain desired bead size.
3. Using caulk gun, apply sealant into gap. Apply above 40°F (5°C).
4. Smooth or "tool" the sealant into gap within 3-5 minutes.
5. WHITE: Wipe tools thoroughly before washing.
6. CLEAR: Clean-up with a damp, disposable cloth; do not rinse.
7. Protect from moisture for at least 24 hours for proper drying.

Clear sealant goes on white, and turns clear in 10 to 14 days.

(1) Sealant depth should be controlled with a closed cell, non-gassing type backer rod. Backer rod should be slightly larger in diameter (25 to 50%) than the joint width.

Specifications

WHITE: Exceeds ASTM C-920, Type-S, NS, Class 12.5, Use NT, G, A, M & O test and Federal Spec TT-S-00230C, Type II, Class A requirements.

Exceeds ASTM C-834, Type-OP, NS, Grade -18°C test requirements.

CLEAR: Exceeds ASTM C-920, Type-S, NS, Class 35, Use NT, G, A, M & O test and Federal Spec TT-S-00230C, Type II, Class A requirements. Exceeds ASTM C-834, Type-OP, NS, Grade -18°C test requirements.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular application.



CAUTION FOR WHITE:

CAUTION: IRRITANT. MAY IRRITATE EYES AND SKIN.

Do not get in eyes, on skin or clothing. Do not breathe fumes; vapors cause irritation to respiratory system. Use in well-ventilated area. Wear gloves & safety glasses. Remove contact lenses before using.

KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT

Contains mineral oil. If swallowed, call Poison Control Center or doctor immediately. Do not induce vomiting. If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. See Safety Data Sheet or call 518-237-3330 for further information. For consumer and professional contractor use.

! **WARNING: Cancer and Reproductive Harm - www.P65Warning.ca.gov.**

CAUTION FOR CLEAR:

CAUTION: IRRITANT. MAY IRRITATE EYES AND SKIN.

Do not get in eyes, on skin or clothing. Do not breathe fumes; vapors cause irritation to respiratory system. Use in well-ventilated area. Wear gloves & safety glasses. Remove contact lenses before using.

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Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers considering the use of this product should review the latest Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Safety Data Sheets are available at www.GEsealants.com or, upon request, from any MPM representative. Use of other materials in conjunction with MPM sealants products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Customer Service Centers

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