

MAX* Shield All Weather Advanced Polymer Acrylic Latex Sealant

Product Description

GE-Branded Max Shield All Weather Advanced Polymer Acrylic Latex is a premium sealant ideal for projects exposed to severe weather and harsh environments. Formulated with Tri Shield Protection, this sealant is 100% waterproof, and offers exceptional flexibility, excellent adhesion to a wide variety of building materials, and lifetime mold-free product protection.⁽¹⁾ Max Shield All Weather sealant can span up to 3-inch gaps with over 800% stretch and 35% joint movement. This sealant can be paint-ready in as little as 45-minutes for quick workflow, and is low in odor, guns out effortlessly, tools smoothly, and cleans-up easily with soap and water. The weatherproof seal is resistant to cracking, chalking, and crumbing in an exceptional range of temperatures. Guaranteed for as long as you own your home.⁽²⁾

Product Attributes

- Tri-Shield Protection
 - 100% weatherproof – can withstand severe weather and harsh environments
 - Excellent flexibility – can span up to 3-inch gaps with over 800% stretch and ± 35% Joint Movement
 - Lifetime mold free guarantee – cured caulk is resistant to mold and mildew growth
- Excellent adhesion to most conventional building materials, including most wood, metal, concrete, brick, plaster, masonry, glass and ceramic tile
- Low odor and low VOC
- Easy application
- Soap and water clean-up

Paint-Friendly

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

45-Minute Paint-Ready

Sealant can be painted or exposed to water in as little as 45 minutes with bead size max $\frac{3}{16}$ " , temperature min 65°F & humidity min 50%. Otherwise, sealant should not be painted for 3 hours or exposed to water for 24 hours. Do not touch for 24 hours, unless applying paint. Apply paint with reduced applicator pressure to avoid disturbing the sealant. Clean-up with a damp, disposable cloth; do not rinse.

Joint Movement/Flexibility

Max Shield All Weather Acrylic Latex sealant exceeds ASTM C-920 Class 35 requirements for better weather to temperature fluctuations. This sealant can span gaps of up to 2-inches wide and 1/2 inch deep with over 800% stretch and offers 35% joint movement in BOTH expansion and recovery.

Max Shield All Weather Acrylic Latex sealant also exceeds ASTM C-834, -18°C requirements.



*MAX is a trademark of Momentive Performance Materials Inc.

(1) Regular cleaning of sealant is required however, as soap and other residue can cause secondary mold and mildew growth.

(2) 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.



Basic Uses

Max* Shield All Weather Advanced Polymer Acrylic Latex sealant can be used in a wide variety of applications including, but not limited to windows, doors, siding, flashing, and trim.

Max Shield All Weather 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.

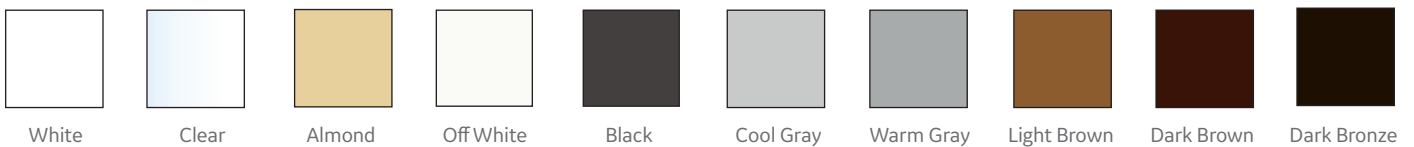
Adheres To

Max Shield All Weather Advanced Polymer Acrylic Latex sealant offers excellent adhesion to many common building materials including most metals and woods, aluminum, composites, brick, stone, stucco, masonry, cement board, glass, porcelain, ceramic tile, drywall, plaster, vinyl siding, PVC, fiberglass, and painted surfaces.

Packaging

Max Shield All Weather Advanced Polymer Acrylic Latex sealant is currently available in 10.1 fluid oz. cartridges, in cartons of 12 each.

Grade	Color	UPC	Size	Pack
MAWD410WT 12C	White	077027901313	10.1 fl oz	12
MAWD410CR 12C	Clear	077027901320	10.1 fl oz	12
MAWD410AD 12C	Almond	077027901481	10.1 fl oz	12
MAWD410OF 12C	Off White	077027901498	10.1 fl oz	12
MAWD410BK 12C	Black	077027901504	10.1 fl oz	12
MAWD410CG 12C	Cool Gray	077027901511	10.1 fl oz	12
MAWD410WG 12C	Warm Gray	077027901528	10.1 fl oz	12
MAWD410LB 12C	Light Brown	077027901535	10.1 fl oz	12
MAWD410DB 12C	Dark Brown	077027901542	10.1 fl oz	12
MAWD410BZ 12C	Dark Bronze	077027901559	10.1 fl oz	12





Typical Physical Properties

Typical physical property values of Max* Shield All Weather Advanced Polymer Acrylic Latex sealant as supplied and cured are provided in the tables below.

Specifications		White	Clear
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	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		9.90 ± 0.10 lbs./gal	8.83 ± 0.10 lbs./gal
Application Temperature Range		40°F -100°F	40°F -100°F
Paint Ready Time		45 Minutes	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 C697	1 Hour	2 Hours
Freeze-Thaw Stability	ASTM C731	Passed / 5 Cycles at 0°F	Passed / 5 Cycles at 0°F
VOC (excluding water & exempt compounds)		<17.5 g/L	<17.5 g/L
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		Water and Soap	Soap and Water
Joint Movement Capability	ASTM C719	± 35%	± 35%
Tensile Elongation	ASTM D412	800%	940%
Artificial Weathering	ASTM C793	Passed	Passed
Cracking & Chalking	ASTM C792	None - Passed	None - Passed
Peel Adhesion (Dry/Wet)	ASTM C794	30.7 psi	28.7 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 deeper than 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. Clean-up with a damp, disposable cloth; do not rinse.
6. Protect from moisture for at least 24 hours for proper drying.

Clear sealant goes on white and turns clear in approximately 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

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 propylene glycol and petroleum distillates. 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 - 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.

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 - www.P65Warning.ca.gov.

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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