

# MAX\* Shield Painter's Advanced Polymer Acrylic Latex Sealant

## Product Description

GE-Branded MAX Shield Painter Advanced Polymer Acrylic Latex is a premium sealant ideal for the most demanding paint projects inside and out. 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.<sup>(1)</sup> Max Shield sealant can span up to 2-inch gaps with over 600% stretch and 25% joint movement.<sup>(2)</sup> This paint-friendly sealant is low in odor, guns out effortlessly, tools smoothly, and cleans-up easily with soap and water. The durable seal resists cracking, chalking, and crumbling in all seasons, and is guaranteed for sixty years.<sup>(3)</sup>

## Product Attributes

- Tri-Shield Protection
  - 100% waterproof – can withstand severe weather and harsh environments
  - Excellent flexibility – can span up to 2-inch gaps with over 600% stretch and  $\pm$  25% Joint Movement.<sup>(2)</sup>
  - Mold free guarantee – cured caulk is resistant to mold and mildew growth
- Paint Friendly – won't cause paint to crack, fade or change sheen
- Non-Staining – does not stain or discolor most substrate surfaces
- Excellent adhesion to most common building materials, including most wood, metal, concrete, brick, plaster, masonry, glass and ceramic tile
- Low odor and low VOC (Meets CARB VOC limits)
- Easy application
- Soap and water clean-up

## Paint-Friendly

Max Shield Painter's 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 Painter's Acrylic Latex sealant exceeds ASTM C-920 Class 25 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 600% stretch and offers 25% joint movement in BOTH expansion and recovery.<sup>(2)</sup>

Max Shield Painter's Acrylic Latex sealant also exceeds ASTM C-834, -18°C requirements.

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- (1) Regular cleaning of sealant is required however, as soap and other residue can cause secondary mold and mildew growth.
- (2) Based on ASTM C-920, TYPE-S, NS, CLASS 25 analysis, product can span gaps of up to 2-inches wide and 1/2 inch deep with over 600% stretch and 25% joint movement.
- (3) Manufacturer warrants that this product, when handled and used as directed, will meet the above specifications for sixty years. 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<sup>\*</sup> Shield Painter's Advanced Polymer Acrylic Latex sealant can be used in a wide variety of interior and exterior applications including, but not limited to, trim, crown molding, baseboards, vents and around doors, windows.

**Max Shield Painter 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 Painter's 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 Painter's Advanced Polymer Acrylic Latex sealant is currently available in 10.1 fluid ounce cartridge and 5.5 fluid oz. squeeze tube, in cartons of 12 each.

| Grade        | Color | UPC          | Size       | Pack |
|--------------|-------|--------------|------------|------|
| MAP410WT 12C | White | 077027901146 | 10.1 fl oz | 12   |
| MAP405WT 12C | White | 077027901382 | 5.5 fl oz  | 12   |



White



## Typical Physical Properties

Typical physical property values of Max Shield Painter's Advanced Polymer Acrylic Latex sealant as supplied and cured are provided in the tables below.

| <b>Specifications</b>  |                    | <b>White</b>             |
|--|--------------------|--------------------------|
| ASTM C-920, Type-S, NS, Class 25. 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 requirements  |                    | Exceeds                  |
| <b>Typical Uncured Physical Properties</b>   | <b>Test Method</b> | <b>Value</b>             |
| Base   |                    | Acrylic Latex            |
| Consistency  |                    | Smooth & Creamy          |
| Odor   |                    | Slight Acrylic           |
| Density  |                    | 11.8 ± 0.10 lbs./gal     |
| Application Temperature Range  |                    | 40°F -100°F              |
| Paint Ready Time   |                    | 30 Minutes               |
| Full Cure Time (basrf on 3/16 inch bead size)  |                    | 24 Hours                 |
| Water Ready Time   |                    | 24 Hours                 |
| % Solids by Weight   | ASTM C1250         | 76.0 ± 2%                |
| Slump (sag)  | ASTM C693          | Passed                   |
| Tack Free Time   | ASTM C679          | 1 Hour                   |
| Freeze-Thaw Stability  | ASTM C731          | Passed / 5 Cycles at 0°F |
| VOC (excluding water & exempt compounds)   |                    | <47.5 g/L                |
| CARB Non-Chem Curing (n-a) VOC   |                    | <1.5 wt.%                |
| <b>Typical Cured Physical Properties</b>   | <b>Test Method</b> | <b>Value</b>             |
| Service Temperature  |                    | -40°F -100°F             |
| Paintable  |                    | Latex & Oil Based Paints |
| Coverage (3/16" bead)  |                    | 51 Lin. Ft.              |
| Clean-up   |                    | Soap and Water           |
| Joint Movement Capability  | ASTM C719          | ±25%                     |
| Tensile Elongation   | ASTM D412          | 620%                     |
| Artificial Weathering  | ASTM C793          | Passed                   |
| Cracking & Chalking  | ASTM C792          | None - Passed            |
| Peel Adhesion (Dry/Wet)  | ASTM C794          | 12 psi                   |
| Stain / Color Change   | ASTM C510          | Passed                   |
| Hardness (Shore A)   | ASTM 661           | Passed                   |
| Shelf Life (from manufacture date)   |                    | 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".<sup>(1)</sup>
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. Wipe tools thoroughly before washing.
6. Protect from moisture for at least 24 hours for proper drying.

(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 25, 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: 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](http://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](http://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**

|   |  |
|---|--|
| <b>Americas</b>   | +1 (866) 275-4372<br>Email: <a href="mailto:askgesa@momentive.com">askgesa@momentive.com</a> |
| <b>Visit us at <a href="http://www.GEsealants.com">www.GEsealants.com</a></b> |  |

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