

## 1. Manufacturer

### Old Mill Building Products

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## 2. Product Description

### Basic Use

MasonGrip MS Polymer Adhesive is a high strength, high viscosity, one-component elastic adhesive for indoor and outdoor applications based on MS Polymer. Specially designed for fast and non-rigid structural bonding in the construction industry and as an alternative to thin-set mortar, it has excellent adhesion to most substrates. Completely weather resistant, odorless and does not contain solvents, silicones or isocyanate's, and as a result will not leach or stain Brick or natural stone.

### Limitations & Disclaimers

It is important not to tool the sealant too thin or smear it on both sides of the joint. If the material is smeared on both sides, it can cause premature joint failure and color fading. Do not tool or smear/feather on pre-finished colored claddings (i.e. siding, trim, etc.) as this will reduce any sealant's ability to withstand UV exposure and joint movement, causing premature joint failure and color fading.

### Color & Packaging

This product is packaging in 9.8 oz / 290 ml cartridges and 20 oz sausages / 600 ml.

Colors: Grey, other colors available on request and subject to minimum order quantities

### Shelf Life

18 months



### Fields of Application

- Old Mill Panel+ Wall System
- Bonds & Seals to most surfaces
- Kitchen & Bathroom fixtures
- Countertops & Backsplashes
- Windows & Doors
- Wood, Moulding/Trim, & Siding
- Thresholds, Sills, Siding, & Vents
- Ductwork & HVAC
- Aluminum, Brass, Steel...
- Polystyrene, SM Insulation Board
- Brick, Stone, Fiber Cement, & Tile
- Concrete Marble, Granite...

### Advantages

- High Performance Instant Grab
- Interior Exterior
- An Alternative to Thin-Set Mortar
- Tensile Strength - 575 psi
- Permanently Waterproof, Flexible, Crack Proof, Mold Resistant, & Odorless
- Cures in 24 Hours
- Non-Sag, Vibration, & Impact Resistant

### 3. Technical Data

#### Information

Raw material basis: MS Polymer  
Consistency: No-slump, non-sagging paste  
Specific gravity: Approx. 1.30 g/ml +/- 0.02  
Working time: 10-20 minutes (@ 73.4 °F; 50% R.H.)  
Curing time: 2-3 mm/24 hr  
Consumption: Approx. 25 linear  
Application temperature: Between 41 °F to 104 °F

#### Applicable Standards

ASTM C661 | ASTM D412 | ASTM C734  
ASTM D1002

#### Physical Properties

|                              |                  |
|------------------------------|------------------|
| Service Temperature          | -40 °F to 212 °F |
| Shore A Hardness             | 57 +/- 5         |
| UV Ratings after 2,000 hours | No Change        |
| Max Tensile                  | 575 psi          |
| Elongation at Break          | > 110%           |
| Movement Capacity            | +/- 25%          |
| Corrosive/ Staining          | None             |
| Shrinkage                    | Zero             |

### 4. Installation

#### Application

For optimal results the substrates must be clean, dry, and free of old residues, polish, liquid sealants, wax, dust, grease and other contaminants which may affect the adhesion.

Painted surfaces must be well cured and free of loose paint. The product is suitable for many types of construction materials, however, a preliminary adhesion test is recommended on every surface.

After substrate preparation, apply with a manual- or pneumatic caulking gun. Uncured product may be easily removed with any solvent. Cured sealant must be removed mechanically.

If worried about UV exposure, see limitations.

Optimum bonding will be obtained after complete curing, i.e. after 24 to 48 hours at 73°F for a thickness between 2 to 3 mm.

### 5. Availability & Cost

Old Mill Systems' products are available in all US markets and in select regions of Canada. Contact Old Mill Building Products for more information or go to [www.oldmillbuildingproducts.com](http://www.oldmillbuildingproducts.com) for more information

### 6. Warranty

To view the Old Mill 5/15 Year Commercial System Warranty please visit [www.oldmillbuildingproducts.com](http://www.oldmillbuildingproducts.com).

### 7. Maintenance

No maintenance required.

### 8. Technical Services

Technical assistance, including more detailed information, product literature, test results, project lists, samples, assistance in preparing project specifications and arrangements for job site inspection and consultation, is available by contacting Old Mill Building Products.

### 9. Filing Systems

Additional Information is available from the manufacturer upon request.