

PRODUCT DATA SHEET

MasonGrip Adhesive

Instant-Grab MS Polymer Adhesive

COLOR

Gray

PACKAGING

20 oz (600 mL) sausages only

CHEMISTRY

Silane-terminated polymer (MS Polymer)

CONSISTENCY

Non-slump, non-sag paste

COVERAGE (Typical)

~50–52 linear feet per 20 oz sausage with an 8 mm (¼ in) round bead

~16–17 linear meters per 600 mL sausage with an 8 mm bead

Coverage varies with bead size, substrate profile, and application technique.

WORKING/OPEN TIME

10–20 minutes (at 73.4 °F / 23 °C, 50% RH)

TYPICAL APPLICATIONS

- Exterior/Interior adhered veneer
- Thin Brick
- Natural/Cultured Stone
- Tile
- EPS/XPS/SM insulation boards
- Polystyrene components
- Thin brick to fiber-cement & other exterior claddings
- Ductwork & HVAC components
- Countertops and Backsplashes
- Wood, trim/molding, siding, and thresholds/sills/vents
- Windows & doors; aluminum, brass, steel and other common metals
- Concrete/masonry, glass, porcelain, mirrors, cultured marble, granite

DESCRIPTION & USES

MasonGrip is a professional-grade, one-component MS Polymer adhesive engineered specifically for thin brick, stone, and tile installations. It delivers instant grab strength, allowing veneers to be set on vertical or overhead surfaces without slipping, bracing, or sagging. Its flexible, crack-resistant bond accommodates substrate movement, temperature changes, and freeze-thaw cycles, ensuring long-term durability in both interior and exterior applications.

MasonGrip is VOC-free, weatherproof, and solvent-free, making it safe for use in occupied spaces while maintaining strong adhesion to concrete, plywood, cement board, masonry, fiber-cement, metals, insulation panels, and other common substrates. Its formulation provides structural-grade tensile strength with excellent elasticity, giving installers a reliable alternative to thin-set mortar or mechanical fasteners.

Uses include:

- Securing thin brick, stone veneer, or tile to EPS foam panels within the Panel+ Wall System.
- Direct bonding of veneers to concrete, CMU, plywood, gypsum board, cement board, or other approved substrates.
- Interior upgrades such as backsplashes, feature walls, and fireplace surrounds.
- Exterior applications including façades, trim, and accents subject to weather exposure and freeze-thaw conditions.
- Overhead or vertical installations where instant adhesion and long-term stability are critical.

ADVANTAGES

High-performance instant grab for rapid positioning.

High viscosity & strength for robust, durable bonds

Permanently waterproof, crack-proof, and mold-resistant

Bonds & seals in wet or dry conditions

Non-rigid structural bond accommodates movement and helps prevent cracking

Non-sag; vibration and impact resistant

Weatherproof & UV-resistant for exterior exposure

Odorless; solvent-, silicone-, and isocyanate-free; 0 VOC

Non-staining—will not leach or discolor brick and natural stone

Fast application and cure—eliminates nails, screws, or clamps in many details

TECHNICAL INFORMATION

TEST	METHOD	RESULTS
Service Temperature	—	–40 °F to 212 °F (–40 °C to 100 °C)
Shore A Hardness	ASTM C661	57 ± 5
UV Resistance	2000 h UV-A	No change in appearance or properties
Tensile Strength (max.)	ASTM D412	~575 psi (≈4.0 MPa)
Elongation at Break	ASTM D412	> 110%
Movement Capability	—	±25%
Corrosivity/Staining	—	Non-corrosive / Non-staining
Shrinkage	—	Zero (0)

APPLICABLE STANDARDS

ASTM C661 ASTM D412
ASTM C734 ASTM D1002

Values are typical and may vary based on substrate, temperature, humidity, and bead geometry.

BASIS OF PRODUCT DATA

The technical data and recommendations herein are based on current knowledge and typical laboratory results. They describe the product and its performance but do not constitute a warranty of properties or fitness for a particular purpose. Conditions of use are outside of our control; the user is responsible for verifying suitability, complying with applicable codes/standards, and implementing proper handling, storage, installation, and disposal practices. Use only for the applications described in this Technical Data Sheet and the accompanying SDS.

LIMITATIONS

- Do not over-tool or smear on both joint flanks; avoid feather-edging over prefinished colored claddings (siding/trim) to preserve UV stability and movement capability.
- Not a substitute for proper design detailing (movement joints, drainage, flashing, and weeps).
- Not for polyethylene, PTFE, or bituminous substrates without testing.
- Always conduct mock-ups to verify aesthetics and performance with natural stone and other sensitive finishes.

CLEANING & REMOVAL

- Uncured adhesive: remove with suitable solvent on a clean cloth.
- Cured adhesive: mechanical removal only (careful scraping/cutting).

HEALTH & SAFETY

- Not classified as dangerous per CLP Regulation (EC) No. 1272/2008.
- Avoid skin/eye contact; do not ingest.
- PPE: chemical-resistant gloves, splash-rated eyewear, work clothing, and non-slip footwear.
- Provide access to eyewash and emergency shower.
- Refer to the Safety Data Sheet (SDS) for full information.

SURFACE PREPARATION

- Substrates must be sound, clean, and free of dust, oil/grease, release agents, loose coatings, liquid sealants, and contaminants.
- Painted surfaces must be fully cured and well-bonded; remove loose paint.
- Adhesion test is required for each substrate; abrade dense/impervious surfaces if needed.
- Suitable for damp surfaces; standing water must be removed.

APPLICATION

- Application Temperature: 41 °F to 104 °F (5 °C to 40 °C)
- Apply with a manual or pneumatic sausage gun using a nozzle sized for the required bead.
- Bead Patterns: Continuous perimeter bead with serpentine infill, or spot-bed “dabs” as detail requires. Maintain squeeze-out for wetting.
- Setting/Adjusting: Press firmly to ensure full contact; adjust within open time. Support heavy elements until initial grab holds.
- Tooling: If tooling is required, do so within skin time. Do not smear or feather thin across visible faces or both sides of a joint—this can reduce UV/movement durability and lead to premature failure or color change.

CURING

- Skins in minutes depending on ambient conditions.
- Functional cure typically in 24 hours; optimal bond after 24–48 hours at 73.4 °F (23 °C) for 2–3 mm bead thickness.
- Lower temperature, low humidity, and larger beads extend cure time.

EQUIPMENT

- Sausage (foil pack) dispensing gun—manual or pneumatic
- Appropriate nozzles; surface cleaning supplies and PPE as listed above