



We create chemistry

MaxGrip Veneer Mortar

High-strength specially formulated adhesive used to fasten natural and manufactured stone, ceramic tile, and thin brick

Product Bulletin

DESCRIPTION

Dry-mix polymer-modified mortar that contains Portland cement.

PACKAGING

50 lbs per bag (22.6 kg per bag)

SOLID LAYER APPLICATION

3/16" thickness:
20–23ft² (1.9–2.1m²)

1/4" thickness:
16–18ft² (1.5–1.7m²)

3/8" thickness:
10–12ft² (0.9–1.1 m²)

NOTCHED APPLICATION

1/4" x 3/8" Notched Trowel
55–65 ft² (5.1–6.0 m²)

1/2" x 1/2" Notched Trowel
35–45 ft² (3.2–4.2m²)

As skim coat: 1/16" thick
60–70 ft² (5.6–6.5m²)

SKIMCOAT

1/16" thickness:
60–70 ft² (5.6–6.6 m²)

ACCEPTABLE SUBSTRATES

Concrete Masonry Unit (CMU), ASTM C1325 Type A exterior cement board, ASTM C926 stucco, BASF Wall Systems reinforced base coats; BASF Wall Systems air/water-resistive barriers; BASF Stuccobase

BASF NON-INSULATED MVS SYSTEMS

MVS-Stucco (Stuccobase coats)
MVS-CBS (Cement Board)
MVS-CMU (Concrete)

Shelf life is one year when unopened and stored as directed.

USES

MaxGrip Veneer Mortar can be used to adhere thin brick, natural and manufactured stone and tile to a broad range of substrates, for exterior and interior applications. It can be used in commercial and residential construction.

MIXING

1. Prepare to mix one bag in a 5-gallon (19-liter) pail that is clean and free of foreign substances. Do not use pails that have contained or been cleaned with a petroleum-based product.
2. Add the following amount of clean, potable water to a pail:
Light weight adhered veneer such as thin brick: 1.0 – 1.25 gallons (3.8 – 4.7 liters).
Heavy stone and tile: 0.75 – 1.0 gallon (2.8 – 3.8 liters).
3. Add a full bag of MaxGrip Veneer Mortar to the pail in small increments, mixing after each addition.
4. Mix with a low speed drill and 4-sided mortar paddle until thoroughly blended.
5. Additional water may be added to adjust workability. The total amount of water added shall not exceed the amounts shown in Step #2.
6. Let stand for 5 to 10 minutes, then remix / retemper for 1 minute before use.
7. The mixed material should have a thick putty consistency and not slide off the trowel when held vertically.
8. Additives are not permitted.
9. Protect from direct sun and wind.
10. Clean tools and equipment with water immediately after use. Dried materials can be mechanically removed.

APPLICATION

All surfaces shall be between 40 °F (4 °C) and 100 °F (38 °C). Surfaces shall be clean, free of dirt, oil, grease, paint, concrete sealers or curing compounds, and structurally sound. Ensure that all control and expansion joints are not covered with MaxGrip Veneer Mortar. Manufactured stone shall comply with applicable requirements of ICC-ES Acceptance Criteria AC51. Thin brick veneer shall comply with applicable requirements of ASTM C 1088 per the Brick Industry Association.

1. For thin brick veneer units, spread MaxGrip Veneer Mortar onto the back of bricks in a continuous layer nominally 3/16- to 1/4-inch (5 – 6mm) thick and press bricks firmly into place on the substrate.
2. For stone veneer, apply MaxGrip Veneer Mortar to the back of clean stone veneer in a continuous layer nominally 1/4- to 3/8-inch (6 – 9mm) thick. Press firmly in place with a twisting movement until excess material exudes from the sides of the unit. Remove excess MaxGrip Veneer Mortar between units.
3. For tile, apply MaxGrip Veneer Mortar as a skim coat over the acceptable substrate at approximately 1/16" (1.6mm) thick. Apply to an area that can be covered with tile before the MaxGrip Veneer Mortar skim coat dries. Installation should proceed in accordance with ANSI A 108.5 (the type and size of the tile will dictate adhesive application).
4. Allow MaxGrip Veneer Mortar to cure for 24-hours before applying pointing mortar.

LIMITATIONS

1. Protect bagged materials from moisture during transportation and storage.
2. Store materials in a cool, dry place. Protect from extreme heat and direct sunlight.
3. Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4 °C (40 °F) prevail.
4. Protect from freezing for at least 72-hours after installation.
5. Do not apply if rain is forecast within the next 24-hours.
6. Applied veneer should not exceed 15 lbs per square foot.

TECHNICAL DATA

1. ANSI 118.4, 28 day shear strength results: 565psi (3.9MPa)
2. ASTM C-109: Result- 4000 psi.
3. Freeze-thaw stable per ASTM C-666 (modified using full IVS composite in place of concrete beam).
4. Working time: 1 – 2 hours after water has been added. Open time is affected by humidity, temperature, and other environmental conditions.

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HEALTH, SAFETY, AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.wallsystems.basf.com. Use only as directed.

TECHNICAL SUPPORT

Consult BASF Technical Services Department for specific recommendations concerning all other applications. Consult the Wall Systems website at www.wallsystems.basf.com, for additional information about products and systems and for updated literature.

VOC Content

0 g/l, or 0 lbs/gal less water and exempt solvents.

For medical emergencies only call Chemtrec® at (800) 424-9300

WARRANTY

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