



Premixed Mortar



DESCRIPTION

Premixed Mortar is a premixed no-mess alternative to traditional thin-set mortars that require water and mixing. It is nonflammable and ready to use.

WHERE TO USE

Premixed Mortar is specifically formulated for interior-only installations of most ceramic, quarry, porcelain and natural-stone tile in light-duty residential applications, such as walls, countertops and floors.

LIMITATIONS

- Do not apply over waterproofing membranes, wood planking, presswood, particleboard, chipboard, oriented strand board (OSB), pressure-treated or oil-treated plywood, Masonite, Luan, gypsum floor-patching, gypsum leveling compounds, laminate surfaces, fiberglass surfaces, poured epoxy floors, vinyl composition tile (VCT), vinyl asbestos tile (VAT), cutback adhesive residue, self-stick tile, sheet vinyl, metal or similar dimensionally unstable substrates.
- Recommended for interior use only.
- *Premixed Mortar* can be used in intermittent wet conditions such as backsplashes, countertops, shower walls and floors.
- Do not use in submerged applications.
- Use only at temperatures between 50°F and 95°F (10°C and 35°C).
- This product is only for setting, not grouting.
- Drying times will vary depending on the tile size, tile/substrate porosity and humidity.
- This product should not be used with tiles larger than 20" x 20" (51 x 51 cm).
- Do not use *Premixed Mortar* to build up or level the substrate. Instead, use MAPEI's *Premixed Patch & Level*.
- For natural stone installations, contact MAPEI's Technical Services Department for product recommendations.

- Do not use for steam rooms, shower floors or areas with horizontal surfaces subject to water immersion.
- Adhesive may remain pliable for extended time frame under large tile. Use plywood to distribute rolling load weight.

SUITABLE SUBSTRATES

(interior residential only)

- Fully cured concrete (at least 28 days)
- Masonry block
- Cement backer units (see manufacturer's recommendations)
- Gypsum wallboard (properly primed)
- Exterior-grade plywood, in dry areas only; 2 layers (1-1/4" [3,2 cm] minimum thickness) for floors; 1 layer (3/4" [19 mm]) for countertops

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

Refer to MAPEI's Surface Preparation Requirements document for floor-covering installation systems at www.mapei.com.

MIXING

Note: Choose all appropriate safety equipment before use. Refer to Material Safety Data Sheet (MSDS) for more information.

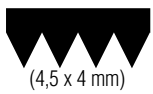
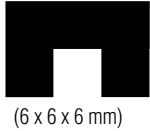
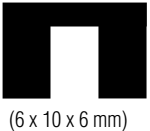
* Ready to use; no mixing necessary

PRODUCT APPLICATION

1. Use a typical notched trowel with sufficient depth to achieve at least 90% transfer to the back of the tile. To help ensure proper coverage, "back-butter" the tile by using the straight edge of a notched trowel or a margin trowel to spread a thin coat of the adhesive onto the back of the tile.

TECHNICAL DATA

TYPICAL TROWELS AND APPROXIMATE COVERAGE* per 1 U.S. gal. (3,79 L)

Flat-backed tiles up to 4" x 4" (10 cm x 10 cm)	
 <p>3/16" x 5/32" (4,5 x 4 mm)</p>	32 to 36 sq. ft. (2,97 to 3,34 m ²)
Tiles from 4" x 4" (10 cm x 10 cm) to 8" x 8" (20 cm x 20 cm)	
 <p>1/4" x 1/4" x 1/4" (6 x 6 x 6 mm)</p>	20 to 24 sq. ft. (1,86 to 2,23 m ²)
Tiles from 8" x 8" (20 cm x 20 cm) to 20" x 20" (50 cm x 50 cm)	
 <p>1/4" x 3/8" x 1/4" (6 x 10 x 6 mm)</p>	15 to 17 sq. ft. (1,39 to 1,58 m ²)

- Key mortar into the substrate with the trowel's flat side to allow sufficient contact with the substrate pores. Trowel the mortar in one direction; do not trowel *Premixed Mortar* with a "swirl" pattern or technique.
- Do not spread more adhesive than can be covered before the adhesive begins to skin over (about 20 to 30 minutes). To test for skinning, simply place your finger into the ridges of the applied adhesive; if no adhesive transfers to the finger, skinning has occurred. Scrape off and replaced with fresh adhesive.
- Place tile firmly into the wet adhesive with a slight push/pull motion across the ridges, completely shearing the mortar ridges to give positive transfer to the tile.

GROUTING

- Allow tiles to reach a firm set (about 24 to 48 hours) and then grout with the appropriate MAPEI grout.
- The absorption rate of the tile and substrate, as well as lower substrate temperature, will directly affect and slow down the drying time for all adhesives.
- Larger tiles such as 12" x 12" (30 x 30 cm) will generally take longer to reach a firm set than a 6" x 6" (15 x 15 cm) tile.

CLEANING

- Clean hands, surfaces and tools with fresh water while the product is wet. If it has dried, use mineral spirits.

PROTECTION

- Protect containers from freezing in transit and storage.
- Protect floors from foot traffic for at least 24 to 48 hours after grouting is complete.
- Walls should be protected from impact, vibrations and heavy hammering on adjacent and opposite walls for at least 14 days after installation.

RELATED DOCUMENTS

Reference Guide: Surface Preparation Requirements for tile and stone installation systems	RG0309*
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* At www.mapei.com.

Refer to MAPEI's MSDS for specific data related to VOCs, health and safety, and handling of product.

STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

We proudly support the following industry organizations:



MAPEI Headquarters of the Americas

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
Phone: 1-888-US-MAPEI
(1-888-876-2734)

Technical Services

1-800-992-6273 (U.S. and Puerto Rico)
1-800-361-9309 (Canada)

Customer Service

1-800-42-MAPEI (1-800-426-2734)

For the most current **BEST-BACKED™** product data and warranty information, visit www.mapei.com.

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