



Polymer Additive

For Non-Polymer-Enriched and Select Mortars



DESCRIPTION

MAPEI's *Polymer Additive* is an acrylic latex admixture used to enhance the performance of dry-set mortars as well as *Mosaic & Glass Tile Mortar*. This highly recommended admixture enhances bond strength, flexural strength, elongation and freeze/thaw durability.

FEATURES AND BENEFITS (when used instead of water to mix with mortar)

- For mixing with MAPEI's *Floor Tile Mortar*, or *Floor & Wall Tile Mortar*, or *Mosaic & Glass Tile Mortar*
- Improves bond strength of mortar
- Enhances mortar performance and allows use with a wider range of tile and stone over additional substrates
- Good for most difficult-to-bond tiles and interior/exterior surfaces
- When mixed with dry-set mortar (instead of water), *Polymer Additive* is ideal for setting tile in areas subject to severe climate changes (high heat vs. freeze/thaw).
- See the respective mortar's Technical Data Sheet for use and compatibility.

SUITABLE TILE OR STONE

- Best for small tile and tile up to 12" x 12" (30 x 30 cm)
- See the Technical Data Sheet of the mortar being used for a complete listing of suitable tile and stone.

SUITABLE SUBSTRATES

- Concrete (cured at least 28 days)
- Masonry cement block, brick, cement mortar beds and leveling coats
- Cement backer units (CBU) (see manufacturer's installation guidelines)

- APA and CANPLY Group 1 exterior-grade plywood (interior, residential and light commercial in dry conditions only)
- See the Technical Data Sheet of the mortar being used for a complete listing of suitable substrates.

WHERE TO USE

- See the Technical Data Sheet of the mortar being used for a complete listing of areas for use.

LIMITATIONS

- Install only at temperatures between 40°F and 95°F (4°C and 35°C).
- Do not use for moisture-sensitive stone such as green marble, Rosso Levanto (red marble), Negro Marquina (black marble), some limestone, green granite, agglomerate tiles, cultured marble or resin-backed tiles. Instead, use suitable epoxy or urethane adhesives (see respective Technical Data Sheets for more information).
- Use a white mortar when installing light-colored stones and translucent marble.
- Do not use over dimensionally unstable substrates such as hardwood flooring, oriented strand board (OSB), substrates containing asbestos, or metal.
- To use directly over gypsum-based patching or leveling substrates, apply suitable sealer before use (see "Surface Preparation" section below).
- Do not dilute with any other liquids.
- Do not freeze.
- See the Technical Data Sheet of the mortar being used for additional information.



Product Performance Properties

See the Technical Data Sheet of the mortar being used for performance data.

Shelf Life and Application Properties

At 73°F (23°C) and 50% relative humidity

Shelf life..... 2 years

Packaging

Product Code	Size
30757136	Jug: 2 U.S. gals. (7,57 L)

SURFACE PREPARATION

- All substrates should be structurally sound, stable, dry, clean, and free of any substance or condition that may reduce or prevent proper adhesion.
- See MAPEI's Surface Preparation Requirements document for tile and stone installation systems at www.mapei.com.

MIXING

Before starting, take appropriate safety precautions and choose all appropriate safety equipment. See Material Safety Data Sheet (MSDS) for product details at www.mapei.com.

1. Always use a clean mixing container and clean water.
2. See the respective Technical Data Sheet for the mortar being used for detailed mixing instructions.

APPLYING

- See the respective mortar's Technical Data Sheet for detailed instructions.

EXPANSION AND CONTROL JOINTS

- Provide for expansion and control joints as specified per TCNA Detail EJ171. Do not cover any expansion joints with mortar.

PROTECTION

- Protect product from freezing.
- See the Technical Data Sheet of the mortar being used for additional information.

CLEANUP

- While mortar is fresh, clean tools and tile with water.

Refer to the 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:



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