

Polymer Modified Thin-Set Mortar

Superior Bond Strength for Most Installations



PRODUCT DESCRIPTION

Polymer Modified Thin-Set Mortar is a dry set mortar with very good bond strength for most tile projects and is recommended to be used on walls, floors and countertops installations. It meets and exceeds ANSI A118.4 and A118.1 requirements. The product is also **Environmentally Friendly** with local regional materials.

USES

To be used on interior or exterior surfaces such as marble, terrazzo, concrete walls and floors, masonry, existing ceramic tile, mortar beds and surfaces that will be exposed to water and moisture.

TILE TYPES

Use Polymer Modified Thin-Set Mortar to set any of the following tile types.

- Impervious ceramic and porcelain tiles.
- Glazed wall tile
- Vitreous, semi-vitreous or absorptive tile such as, ceramic, quarry and cement.
- Brick tile
- Terrazo
- Natural Stone tile

SURFACE PREPARATION

Surface must be sound, clean, dry and free from oil, wax, grease, dust, detergents or any other external contaminant that would prevent a good bond. Painted surfaces must be sanded and cleaned of waxes, dirt or any contaminants. All concrete substrates shall be completely cured.

MIXING

Verify that mixing tools and containers are clean before mixing. For installations requiring an ANSI 118.4 mortar, thoroughly mix 4.76 liters (1.26 Gal) of clean water and a 50 lb. (22.7 kg) bag of Polymer Modified Thin-Set Mortar together to form a smooth, paste-like consistency. Mix thoroughly for at least 5 minutes for optimum performance, until the mortar reaches a uniform state without any lumps. Wait 5 to 10 minutes and remix without any water addition. Verify consistency applying the mix on a vertical surface. Mortar consistency shall be such that when applied, it maintains the peaks of the trowel's notches without sagging. Do not use the mix once it has reached its initial set.

INSTALLATION

Use Polymer Modified Thin-Set Mortar to set any type of ceramic tile recommended for floor installation. Using the recommended notched trowel, comb the mortar to produce an underlying bed. Mortar amount should be sufficient to insure a minimum thickness of 3/32 inches between tile and surface once the tile has been installed. Apply over an area that can be covered with tiles before skinning occurs. Press tile into freshly combed mortar. Bed mortar should cover at least an average of 80% of the total area of the tile for interiors (100 % on floors tiles that will be in contact with water). While the mortar is fresh, verify contact by beating a tile and pushing it against the bed. Remove the tile and verify coverage. If needed, apply more mortar. Wait 24 hours before walking over installed product. Apply grout after 24 hours of installation of tiles.

COVERAGE

65 — 70 ft² per 50 lbs. (5.6 — 6.0 m² per 22.68 kg) with a 1/4" x 1/4" x 1/4" trowel (6 x 6 x 6 mm) square-notch trowel.

TECHNICAL DATA

Physical State	Powder
Color	Gray/White
Shelf Life	1 year in original bag, in a dry place
Mixing Ratio	4.76 L (1.26 Gal) of water per 50 lbs bag.
Open Time	> 45 minutes
Adjustment Time	> 55 minutes
Coverage @ 1/4" Trowel	65-70 sq. ft. per Bag

STORAGE

Store in a moderate temperature dry place protected against water or other external agents.

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