

Premium Thin-Set Mortar

Superior Bond Strength for Most Installations



PRODUCT DESCRIPTION

Premium 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 and floors installations. It meets and exceeds A118.1 requirements. The product is also **Environmentally Friendly** with local regional materials.

USES

To be used on concrete surfaces. For other surfaces such as: ceramic, marble terrazzo and gypsum board refer to the manual published by the "Tile Council of America, Handbook for Ceramic Tile Installation". Do not use over the following surfaces: glass, wood, metal and plastic.

TILE TYPES

- Glazed Wall Tiles
- Ceramic Mosaic Tiles
- Pressed Floor Tiles
- Porcelain Tiles
- Quarry Tiles

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 118.1 Thin Set mortar, thoroughly mix 4.76 liters (1.26 Gal) of clean water and a 50 lb. (22.7 kg) bag of Premium 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 Premium Thin-Set Mortar to set any type tile prior listed. 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 pressing and pushing the tile 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	> 40 minutes
Adjustment Time	> 90 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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