

CARMELO

FLOOR / WALL THIN-SET MORTAR PP3500

(Pega Piso / Pared 3500)

Premium Formula for Floor Tile and Wall Installations



Product Description: Carmelo's FLOOR/WALL THIN-SET MORTAR PP3500 is a dry set mortar for tile installation on floors and walls with extraordinary adhesion and workability properties that significantly facilitates and improves installation work.

Advantages: Carmelo's Floor/Wall Thin Set is best used for floor and wall installation requirements.

Industry Standards and Approvals: This product complies with parameters established by ANSI 118.1 ISO C1 Installation must be performed following ANSI A108.5 guidelines.

Usage and Application:

Use this product to set the following tiles:

- ➔ Tiles (bathroom slab), Semi-vitreous (glass with ceramic),
- ➔ Absorbents such as ceramic, quarry slabs or cement.
- ➔ Brick Tiles, Marble Terrazzo
- ➔ Natural stone tile, Gypsum board

Observation: all pieces of high absorption

This product was created 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 the product on the following surfaces: glass, wood, metal and plastic.

Surface Preparation: The surface must be sound, clean, dry, and free from oil, wax, grease, dust, detergents, or other external contaminants that would prevent a strong bond.

Mixing Ratio:

- ➔ 1.32-Gal (5 L) of water per 50 lbs. (22.68 kg) bag
- ➔ 0.66-Gal (2.5 L) of water per 25 lbs. (11.34 kg) bag

- ➔ 0.26-Gal (1 L) of water per 10 lbs. (4.54 kg) bag

Mixing Instructions:

- 1 Prepare a container with sufficient water to attain a desirable mix amount. Verify that mixing tools and containers are clean before mixing.
- 2 Mix the mortar with the recommended water amount using a mortar/grout paddle mixer in the desired container until it forms a smooth, paste-like consistency without any lumps.
- 3 Slake, or let the mixture sit, for 15 minutes.
- 4 Remix without adding additional water.
- 5 Verify consistency applying the mix on a vertical surface.
- 6 Do not use the mix once it has reached its initial set.

Installation / Curing:

- 1 Apply efficiently to the desired vertical surface with the plain side of the trowel.
- 2 Mortar amount should be sufficient to ensure a minimum thickness of 3/32 inches between tile and surface once the tile has been installed.
- 3 Comb the mortar with the trowel to produce an underlying bed and prevent skinning.
- 4 Press tile into freshly combed mortar.
- 5 While the mortar is fresh, verify contact by beating a tile and pushing it against the bed.

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- 6 Remove the tile to verify coverage and if needed, apply more mortar.
- 7 The bed mortar should cover an average of 80% of the total tile area for interiors and 100% of the total tile area for floor tiles that will come in contact with water.

Storage: Store in a dry place with moderate temperature, making sure that it's protected against water or other external agents.

Protection of Work Area:

- 1 Wait 24 hours before walking over the installed tile.
- 2 Apply grout 24 hours after installing the tiles.

Warranty: Ecológica Carmelo warrants this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the purpose for which it is intended.

Health & Safety Precaution: This product contains Portland cement. Always use safety goggles and rubber gloves when using this product, since contact with freshly mixed cement can cause severe burns. Avoid direct contact with skin and eyes. If this product does come in contact with the eyes, immediately flush with water for at least 15 minutes and consult a physician. For skin exposure, wash promptly with plenty of soap and water. If needed, consult a physician.

Technical Data:

Yield or Coverage

65-70 ft² per 50 lbs. (5.6-6.0 m² per 22.68 kg)
32-35 ft² per 25 lbs. (2.8-3.0 m² per 11.34 kg)
13-14 ft² per 10 lbs. (1.1-1.2 m² per 4.54kg)

Using with a 1/4" x 1/4" x 1/4" trowel or a (6 x 6 x 6 mm) square-notch trowel.

Product Details

Product Code:	Physical State:	Size + Packaging:	Colors:
PEGPPBL	Powder	50/25/10 lbs bag	Gray or White

Shelf Life + Application Properties

Shelf Life	1 year in the original bag when kept in a dry covered place
Initial Setting Time at 72°F / 22°C	8 Hours
Final Setting Time at 72°F / 22°C	24 Hours
Open Time at 72°F / 22°C	30-40 minutes
Adjustability	55 minutes
Bucket Life	40 minutes
Shear Strength	Meet ANSI 118.1
ASTM C1583 (Pull-off method)	Over 100 psi

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