

# CARMELO

## PREMIUM MODIFIED THIN-SET MORTAR WITH POLYMER 7500

(Pega premium modificada con polímeros 7500)

Superior Bond Strength for Most Installations



**Product Description:** Our PREMIUM MODIFIED THIN-SET MORTAR WITH POLYMER 7500 is a dry set mortar with very good bond strength for most tile projects. It is recommended to be used on walls, floors, and countertops installations.

**Advantages:** This polymer-enriched thin-set has a high-performance tile adhesive for interior and 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.

**Industry Standards and Approvals:** Our product meets and exceeds industry standard ANSI A118.4, A118.11 and ISO C2 requirements.

### Usage and Application:

Use this product to set the following tiles:

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

**Surface Preparation:** The surface must be sound, clean, dry, and free from oil, wax, grease, dust, detergents, or other external contaminants that may prevent a strong bond. Painted surfaces must be sanded and cleaned of wax, dirt, or other contaminants before applying the product. All concrete substrates must be completely cured prior to applying the mortar.

### Mixing Ratio:

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

### Mixing Instructions:

- ➊ Mixing tools and containers must be cleaned before mixing.
- ➋ 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.

- ➌ Slake, or let the mixture sit, for 10-15 minutes.
- ➍ Remix without adding additional water. Verify consistency applying the mix on a vertical surface.
- ➎ Do not use the re-mix once it has reached its initial set.

### Installation / Curing:

- ➏ Use Premium Polymer Modified Thin-Set Mortar to set any type of ceramic tile recommended for floor installation.
- ➐ Apply efficiently to the desired tile surface using a notched trowel. Once tested on the desired surface and if properly mixed, the mortar should maintain the peaks of the trowel notches without sagging.
- ➑ Comb the mortar to produce an underlying bed and prevent skinning.
- ➒ Ensure that the amount of mortar applied, has a minimum thickness of 3/32 inches between tile and surface once the tile is installed.
- ➓ Once verified, press the tiles into the freshly combed mortar.
- ➔ While the mortar is fresh, verify contact by beating a tile and pushing it against the bed. Remove the tile to verify coverage and if needed, apply more mortar.

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- 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.

**Clean Up:** Wash tools and clear tiles immediately after completing the project. Mortar should still be fresh.

**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 product.
- 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 Precautions:** 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 ft<sup>2</sup> per 50 lbs (5.6 - 6.0 m<sup>2</sup> per 22.68 kg) with a 1/4" x 1/4 x 1/4 trowel (6 x 6 x 6 mm) square-notch trowel.

### Product Details

Product Code:	Physical State:	Size + Packaging:	Colors:
PEGPMBL	Powder	50 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	55 minutes
ASTM C1583 (Pull-off method)	Over 100 psi

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