

CARMELO

POLYMER MODIFIED THIN-SET MORTAR 5500

(Pega Blanca Regular con Polímeros 5500)

Excellent Bond Strength for Most Installations



Product Description: Our standard POLYMER MODIFIED THIN-SET MORTAR 5500 is a dry set mortar with a solid bond strength suitable for most tile projects. Use our mortar to set and permanently affix any type of ceramic tile to floors, walls, and countertops.

Advantages: This polymer-enriched thin-set has a creamy and smooth consistency for easy application and with high performance and ductility (deformability) for 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 and A118.1 requirements to ensure an efficient installation and long-lasting bond.

Usage and Application:

Use this product to set the following tiles:

- Impervious ceramic and porcelain tile
- 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 Liters) of water per 50 lbs (22.68 kg) bag

Mixing Instructions:

- 1 Mix the thin-set mortar with the recommended water.
- 2 Slake, or let the mixture sit, for 10-15 minutes.
- 3 Remix without adding additional water.
- 4 Do not use the mix once it has reached its initial set.

Installation / Curing:

- 1 Apply efficiently to the desired tile surface using notched trowel. Once tested on the desired surface and if properly mixed, the mortar should maintain the peaks of the trowel notches without sagging.
- 2 Comb the mortar to produce an underlying bed and prevent skinning.
- 3 Ensure that the amount of mortar applied, has a minimum thickness of 3/32 inches between tile and surface once the tile is installed.
- 4 Once verified, press the tiles into the freshly combed mortar.
- 5 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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- 6 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 mortar 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.

Environmental Considerations: The product is environmentally friendly due to it containing regional materials from Puerto Rico.

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: 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. Also, prolonged exposure to dust could irritate or negatively impact eyes, skin or lungs. Eliminate exposure to dust by using the correct protective gear such as masks, goggles, and gloves.

Technical Data:

Yield or Coverage:
65 - 70 ft ² per 50 lbs. (5.6 - 6.0 m ² per 22.68 kg) 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:
PEGPMREGBL	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	> 45 minutes
Adjustability	> 55 minutes

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