

# CARMELO

## MULTIPURPOSE MORTAR MIX WITH FIBER & MARMOLINA

(Mezcla multiuso con fibra y marmolina)

General Purpose Mortar with Excellent Performance.



**Product Description:** Our MULTIPURPOSE MORTAR MIX WITH FIBER & MARMOLINA is a blend of cement, especially graded masonry sand and additives, which give the product consistently good mixing, placing, and finishing characteristics.

**Advantages:** This product is highly versatile and can be used as masonry mortar for rendering block and concrete walls, laying blocks, stone, stucco/plaster repair, and for one-coat exterior plaster and mortar beds.

**Industry Standards and Approvals:** The product meets and exceeds the physical property requirements of ASTM C-387 (Standard Specifications for Packaged, Dry, Combined Materials for Mortar and Concrete).

### Usage and Application:

Can be used as a masonry mortar for plastering or plastering concrete and block surfaces Laying blocks or stones, stucco Repairing single-layer exterior masonry surfaces. As a joint in architectural blocks or stone joints. Available in colors for the placement of architectural blocks.

**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.

### Mixing Ratio:

- 23 Fl. Oz. (680 ml) of water per 10 lbs. (4.5 kg) bag
- 0.45 Gal (1.75 L) of water per 25 lbs. (11.3 kg) bag
- 0.75 Gal (3 quart) of water per 40 lbs. (18.18 kg) bag
- 0.9 Gal (3.5 L) of water per 50 lbs. (22.68 kg) bag

### Mixing Instructions:

- 1 Verify that mixing tools and containers are clean before mixing. For larger projects, use a mortar mixer.

- 2 Add the required water amount to the container.
- 3 Empty the entire mix into a container.
- 4 Mix thoroughly until a lump-free consistency is reached.
- 5 If the mix is too stiff, add more water until the desired consistency is obtained. Avoid a “soupy” mix, since too much water will weaken the mortar.
- 6 If temperatures are expected to rise above 100°F (37.8°C), mix only enough mortar to be placed within one hour.

### Installation / Curing:

- 1 Apply a coat of mortar onto the substrate no less than 1/4” (6 mm) thick.
- 2 If working in hot weather, pre-dampened the substrate before applying the mortar.
- 3 Curing mortar is only required if conditions are hot, dry or windy.
- 4 In such cases, spray a mist of water on the surface to prevent premature drying and improve the mortar’s strength.

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

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## Protection of Work Area:

- ⊖ Keep the mortar protected from extreme weather exposure for the first 48 hours.

**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:** 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:			
Approximate coverage per thickness for a 10 lbs bag:	Approximate coverage per thickness for a 25 lbs bag:	Approximate coverage per thickness for a 40 lbs bag:	Approximate coverage per thickness for a 50 lbs bag:
4.4 ft <sup>2</sup> (1/4")	11 ft <sup>2</sup> (1/4")	17.6 ft <sup>2</sup> (1/4")	22 ft <sup>2</sup> (1/4")

Product Details			
Product Code:	Physical State:	Size + Packaging:	Colors:
MORMUG10	Powder	10 lbs. bag	Gray
MORMUG25	Powder	25 lbs. bag	Gray
MORMUG40	Powder	40 lbs. bag	Gray
MORMUG	Powder	50 lbs. bag	Gray

Compressive Strength ASTM C-109 at 28 days:	Bucket Life	Density
1000 psi		130 lbs/ft <sup>3</sup>

Shelf Life + Application Properties	
Shelf Life	1 year in the original bag, in a dry covered place.
Initial Setting Time at 72°F / 22°C	2 hours
Final Setting Time at 72°F / 22°C	4 hours
ASTM C1583 (Pull-off method)	100 psi

**CARMELO**

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