

# CARMELO

## EIFS AND SYNTHETIC BASE COAT STUCCO

(EIFs y mezcla sintética)

For Exterior Insulation Finishing System



**Product Description:** Our EIFS AND SYNTHETIC BASE COAT STUCCO, is a Portland cement-based mortar adhesive with fibers and high-quality additives for a superior bonding strength. It is designed to be use as Base Coat Stucco for scratch-coat stucco applications, brown-coat stucco applications and to repair stucco walls. The EIFs and Synthetic Base Coat Stucco can also be applied directly to masonry walls for a two-coat application. The product is a homogenous cement-based mortar adhesive ideal for use with EPS (expanded polystyrene) and XPS (Extruded polystyrene), providing high adhesion for all thermal-insulation foam boards.

**Advantages:** This product provides a high shear and bonding that becomes stronger as the standard 28 compression days pass. Our stucco has a low hydration heat which reduces the risk of shrinkage / thermal cracking and has bonds strongly to concrete and other substrates. It is highly efficient, requiring only the addition of water and can be hand troweled.

**Industry Standards and Approvals:** EIFs and Synthetic Base Coat Stucco complies with the ANSI A 118.4 Shear bond ASTM C 1583 Pull OFF Method.

### Usage and Application:

Used for any work that needs to adhere EPS / XPS to other surfaces, or as a base, / or topcoat for foam and ICF boards. It can also be used on scratch-coat stucco applications, brown-coat stucco applications and to repair stucco walls.

**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:

— 1.08 Gal (4.1L) of water per 50 lbs. (22.68 kg) bag.

### Mixing Instructions:

- 1 Verify that mixing tools and containers are clean before mixing.
- 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 EIFs and Synthetic Base Coat Stucco may be applied with any standard tool for EPS/XPS.
- 2 Apply a minimum 1/2" (9.5mm) thickness by hand trowel. The maximum thickness applied should be 3/8" (12.7mm).
- 3 Provide sufficient moisture to permit continuous hydration of the cementing materials and to minimize cracking.
- 4 The effectiveness of the curing process will depend on the current climate and job conditions. Temperature, wind, direct sunlight, shading, and dampness or dryness of the surface will affect the finished product's color.
- 5 Do not apply when temperatures are forecasted

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above 100°F or below 38°C without taking the required extreme weather precautions.

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

**Protection of Work Area:** Keep the mortar protected from extreme weather exposure for the first 48 hours.

**Warranty:** Ecologica 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. 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:

<b>Yield or Coverage:</b>
30 - 32 ft <sup>2</sup> at ½ hand trowel

<b>Product Details</b>			
Product Code:	Physical State:	Size + Packaging:	Colors:
MOREIFS	Powder	50 lbs bag	Gray or White

<b>Compressive Strength ASTM C109 at 28 days:</b>	<b>Bucket Life at 71°F / 20°C</b>	<b>Density</b>
200 psi	45 minutes	121 lbs/ft <sup>3</sup>

<b>Shelf Life + Application Properties</b>	
Shelf Life	1 year in the original bag, in a dry covered place.
Open Time at at 71°F / 20°C	45 minutes
Adjustability at at 71°F / 20°C	55 minutes
ASTM C1583 (Pull-off method)	200 PSI