

# Smooth Finish

Plastering Mortar for Smoothing Surfaces

## PRODUCT DESCRIPTION

CARMELO SMOOTH FINISH is a specially formulated compound that combines ease of mixing with excellent performance. The product improve the workability of the mix while contributing to protect the substrate from chlorides and other detrimental salts. CARMELO SMOOTH FINISH is also **Environmentally Friendly** containing recycled materials and local regional materials.

## USES

CARMELO SMOOTH FINISH is designed to smooth surfaces by providing a soft texture. It can be used to correct cosmetic flaws in precast and cast-in-place structures by matching the smooth texture of the overall element to be treated. If required, the product can be formulated specifically to match the color of the substrate. The product has high water retention promoting full hydration and high bond strength to concrete and masonry surfaces.

## TECHNICAL DATA:

The product reaches a compressive strength of 3000 psi (20.7 MPa) at 28 days. The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

Physical State	Dry powder
Color	Gray, white or custom colors
Shelf Life	1 year in original bag, in a dry covered place.
Mixing Ratio	6.5 Liters (1.7 Gal.) of water per 50 pound bag.
Water Retention	85% at 20 minutes
Shear Strength	500 psi at 28 days
Compressive Strength	2200 psi at 7 days 3000 psi at 28 days
Density	1.86 Kg/L
Yield	100 ft <sup>2</sup> at 1.5 mm thickness per 50 lb bag



## SURFACE PREPARATION

Surfaces to be covered with CARMELO SMOOTH FINISH should be sound, clean, dry and free of dirt, debris, oil, grease or any other external contaminant that would prevent a good adhesion to the substrate. Painted surfaces must be sanded and cleaned of waxes, dirt or any contaminants.

## APPLICATION

CARMELO SMOOTH FINISH can be applied with any standard tool for masonry, it also can be sprayed with a low pressure rotor/stator pump. Apply a minimum 1 mm thickness of material with a steel trowel and smooth the mix. For thicknesses higher than 3 mm it is recommended to apply more than one layer to build up the entire thickness. In high absorption substrates, dampen or wet the surface to lower the suction and proceed to apply the product.

## POT LIFE:

Pot life is approximately 45 minutes at 74 °F. Pot life will change depending on ambient conditions such as temperature and relative humidity.

## STORAGE

Store the unopened bags in moderate temperature and dry conditions with protection against water or other external agents. If stored correctly the shelf life of this product is 1 year from the date of manufacture.

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