

# EUROPLAST EXPO C

DECORATIVE CEMENTITIOUS PLASTER WITH A ROUGH TEXTURED FINISH

## DESCRIPTION

EUROPLAST EXPO C is an extensively modified, exterior-grade cementitious decorative plaster used for enhancing the aesthetics of concrete walls. This decorative wall finishing plaster is designed to create a textured finish, adding an appealing visual dimension to your surfaces.

## USES

EUROPLAST EXPO C finds its versatility in a range of applications, making it a preferred choice for exterior plastering, ceiling decoration, and beautifying concrete surfaces and concrete blocks. As an exterior-grade cementitious decorative plaster, it excels in creating visually appealing and durable finishes on the outside of buildings. For ceilings, EUROPLAST EXPO C offers a means to achieve textured, aesthetic enhancements. When applied to concrete surfaces and concrete blocks, it not only adds an attractive touch but also contributes to the longevity and durability of these structures. EUROPLAST EXPO C, with its decorative capabilities, is a valuable solution for various surface and construction enhancement needs.

## ADVANTAGES

- Excellent adhesion and robust mechanical properties.
- Weather resistance.
- Shrinkage controlled polymer modified plaster.
- Easy to apply, pre-mixed plaster that requires only the addition of water.
- Available in a wide range of colors.
- Long-lasting durability.

## STANDARD

EUROPLAST EXPO C conforms to the standards of ASTM C150 and ASTM C926-15b standards.

## TYPICAL PROPERTIES

Appearance	Variable
Mixed Density	1.7 g/cm <sup>3</sup> ± 0.02
Compressive Strength (ASTM C109/109M )	5 MPa
Maximum Grain Size	Approx. 2.35 mm
Coat Thickness	3 - 6 mm
W/P	0.26
Initial Set	2 hours
Final Set	24 hours
Application Temperature	5°C - 35°C

## APPLICATION

### Surface Preparation

Before plastering or rendering with EUROPLAST EXPO C, thorough substrate preparation is essential. Remove dust, loose particles, cement laitance, oil, and grease from the surface. Spray clean, potable water to neutralize substrate absorption, allowing it to evaporate completely. Ensure all necessary fixtures, like electrical fittings and corner beads, are properly fixed before rendering. These steps are crucial for a smooth and effective application.

### MIXING

**Mixing Ratio:** 6.5 L : 25 kg (water:powder)

To prepare the EUROPLAST EXPO C mixture, start by adding water into a clean mixing vessel, following the recommended mixing ratio to achieve your desired consistency. Slowly introduce the EUROPLAST EXPO C powder into the vessel. For optimal results, it's advisable to use a forced action mixer, allowing the mixing process to continue for 2 to 3 minutes or until the mixture is free of lumps, but not exceeding 5 minutes. Alternatively, a slow-speed drill (maximum 500 rpm) can be employed for mixing purposes. Be mindful not to prepare more material than can be used within the designated pot life to ensure the best application results.

### **Application Instructions**

Once the plaster is prepared, it's ready for application, which can be done either by machine or manually using a plastering trowel. Apply the plaster onto the prepared surface in a single layer with a thickness of 3 mm. To achieve a more visually appealing finish, it is recommended to apply two coats. Allow the product to properly set on the surface before proceeding with any curing process. If a greater thickness is needed, the application should be carried out in two layers. The first layer should be left with a rough texture, and it should be properly cured before applying the second layer. This method ensures an optimal application and desired results.

### **CURING**

To achieve optimal results, the plaster should be cured with water for a minimum of 3 days. This involves spraying the plaster with water 3 to 4 times daily during the curing period.

### **COVERAGE**

EUROPLAST EXPO C yields approximately 18 liters; however, consumption depends on the application method and the substrate finish.

### **PACKAGING**

EUROPLAST EXPO C is supplied in 25 kg bags.

### **HEALTH AND SAFETY**

For more information, please check the Material Safety Data Sheet.

### **CONTACT**

For information regarding the licensee or manufacturer for ECA, please contact us at [techsupport@alfaihaengineering.com](mailto:techsupport@alfaihaengineering.com).

### **DISCLAIMER**

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.