



4070

Finishing Plaster (White)



Product Code : 4070
Quality Certificates

The product conforms to the EN 998-1 standard.

Description: A white, cement-based, single component, final coat fine finishing plaster, which contains chemical additives. It removes all surface imperfections.

Application Areas: Indoor, wall and ceiling, coarse plaster, fine plaster and concrete surfaces, repairing fine cracks on the surface, used as the final coat fine finishing plaster in order to have a smooth surface prior to painting.

Advantages:

- Provides a smooth surface.
- Does not cause cracking since it has higher adherence and resistance compared to gypsum and gypsum based materials.
- Since it is white colored, it can be used without painting.
- Aesthetic and decorative, gives the building a better appearance.
- Reduces paint consumption.
- Covers the imperfections on the surface.
- Does not soften when it gets in contact with water since it is resistant to water and moisture.

Preparation of the Surface: Special attention must be given that the application surface is cured. The application surface must be clear of materials that prevent bonding, such as dust, oil, paint, curing agents, lime, detergents, mold release oils and silicone. Cracks and holes must be repaired with white repair mortars, depending on their depths. The surface must be primed with Primer for Exposed Concrete Surfaces prior to raw concrete applications. The application surface should be moisturized.

Preparation of the Mortar: 20 kg of Falcon Finishing Plaster (White) is slowly added to approximately 6.5 – 7.5 liters of clean water and mixed preferably by a mixer with low speed or with a trowel, until there are no lumps. Prepared mortar is left to mature for 5 - 10 minutes and be mixed again before use. The mortar must be used in 2 - 3 hours.

Application Information: Prepared mortar must be applied on the whole surface with a steel trowel in equal thickness. In applications with more than one coat, there should be a waiting period of 2 - 3 hours before

applying the next coat and total thickness should not exceed 3 mm. Before the plaster starts hardening, it has to be flattened by floating with a trowel immediately. Plastering mesh should be used to prevent cracks at the intersections of different materials, such as concrete and brick. After a waiting period of 6-12 hours following the application, the surface should be moisturized and this procedure should be repeated for 2 days. After Falcon Finishing Plaster (White) dries up completely, the surface should be sanded to provide smoothness prior to the painting application. After the surface dries completely, painting application can be started.

Consumption: 1 kg/m² for 1 mm thickness

Caution: Avoid application in temperatures below +5°C and over +35°C. Do not add extra materials such as lime, cement, sand and gypsum to the material. Pay attention to the amount of water added to the mortar. Do not add more water than necessary. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. Pay attention that there will be no snow or extreme cold weather conditions about 1 week following the application. Never attempt to extend the expired mortar by adding powder and water. Since the product is formulated for interior surfaces, do not use it on exterior surfaces. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

Packaging: 20 kg craft bags

Shelf Life: Unopened packages can be stored in dry environments for upto 12 months, stacked maximum 10 packages on a pallet.

Health and Safety: As with all chemical products, contact with food, skin, eyes and mouth should be avoided during usage and storing. If swallowed by accident, consult a doctor. In case of contact with skin, rinse with plenty of water. Keep out of reach of children.

Technical Properties

Appearance	: White colored fine powder
Powder Density	: ~1.05 kg/t
Water Mixing Rate	: 6.5 – 7.5 lt water / 20 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: 2 - 3 hours
Application Temperature	: Between +5°C and +35°C
Compressive Strength	: CS IV; ≥ 6.0 N/mm ² (EN 1015-11)
Bonding Strength	: ≥ 0.5 N/mm ² (EN 1015-12)
Application Thickness	: 1 - 3 mm
Time to Use	: 24 hours
Service Temperature	: -20°C / +70°C

Application instructions and technical data provided for the products are obtained in line with our experience and the tests we implemented according to international standards under ambient temperatures of 23 ± 2 °C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease the times and lower temperatures increase them.

