



4060

Ready-Mixed Plaster (Coarse)



Product Code : 4060
Quality Certificates
 The product conforms to the EN 998-1 standard.

Description: A cement-based, single component, ready-mixed coarse plaster, which contains chemicals and fiber additives. It can be applied manually or with a machine.

Application Areas: Indoor and outdoor, wall and ceiling, surfaces such as brick, gas concrete, concrete, raw concrete, pumice and briquette.

Advantages:

- Saves time and labor.
- Since it has strong bonding to the surface, it provides an application that has lower fall off loss compared to plain plaster.
- Provides strong adherence and high stability and does not cause sagging.
- Does not cause cracking due to its fiber content.
- Easily and quickly applied manually as well as with a machine.
- As a plant manufactured mortar it has a higher quality consistency than ordinary plaster.
- More resistant to outdoor conditions compared to plain plaster.
- Recommended for imperfect surfaces on which plaster application is desired.

Preparation of the Surface: Special attention must be given that the application surface is cured. The application surface must be clear of materials which prevent bonding, such as dust, oil, paint, curing agents, lime, detergents, mold release oils and silicone. Cracks and holes on the surface must be repaired with repair mortars, depending on their depth. The surface has to be primed with Primer for Exposed Concrete Surfaces prior to raw concrete applications. The application surface should be moisturized. Larger areas should be divided into sections with leveling bars and plaster profiles should be used on the edges.

Preparation of the Mortar: 35 kg of Falcon Ready-Mixed Plaster (Coarse) is added to approximately 6,65 – 7,35 liters of clean water and mixed preferably by a mixer with low speed or with a trowel, until there are no lumps. Prepared mortar should be left to mature for 5 - 10 minutes, then be mixed again before use. The mortar must be used in 2 - 3 hours.

Application Information: The material should be applied manually or with a spraying machine and sprinkled over the surface in equal thickness. The surface should be leveled with a float after the application. Coarse plaster application should not exceed 1.5 cm in thickness in one coat and 3 cm in total. The plaster should be flattened immediately with a trowel before it begins hardening. In plastering applications where the ambient temperature is above +20oC, first wetting operation should be carried out 12 - 15 hours later. Then it has to be moisturized at least three times with breaks of 12 hours. In plastering applications where the ambient temperature is below +20oC, first wetting operation should be carried out 24 hours later. Then it has to be moisturized at least three times with breaks of 12 hours. Afterwards the application surface must be kept moist for 1 week. For a smoother surface, it is plastered with Falcon Ready-Mixed Plaster (Fine).

Consumption: 14 - 16 kg/m² for 1 cm thickness

Caution: Avoid application in temperatures below +5oC and above +35oC. 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. Wait at least for 10 days, depending on the ambient temperature, for applications to be carried out on top of Falcon Ready-Mixed Plaster – Coarse. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

Packaging: 35 kg craft bags

Shelf Life: Unopened packages can be stored in dry environments for upto 12 months, stacked maximum 8 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 | |
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| Appearance | : Grey colored granule |
| Powder Density | : ~1.40 kg/lit |
| Water Mixing Rate | : 6.65 – 7.35 lt water / 35 kg powder |
| Resting Period | : 5 - 10 minutes |
| Pot Life | : 2 - 3 hours |
| Application Temperature | : Between +5°C and +35°C |
| Compressive Strength | : CS III; ≥ 3.5 – 7.5 N/mm ² (EN 1015-11) |
| Bonding Strength | : ≥ 0.3 N/mm ² (EN 1015-12) |
| Capillary Water Absorption | : W1; C ≤ 0.40 kg/(m ² .min ^{0.5}) (EN 1015-18) |
| Water Vapor Permeability Coefficient (μ) | : ≤ 25 (EN 1015-19) |
| Application Thickness | : 1 - 3 cm |
| 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.