



## 5010

### Coarse Repair Mortar



Product Code : 5010  
**Quality Certificates**  
 The product conforms to the EN 1504-3 standard R2 class.

**Description:** A cement-based, single component, coarse aggregated surface repair and smoothing mortar, containing polymer and fiber additives.

**Application Areas:** Indoor and outdoor, restorations, repairing concrete and prefabricated concrete elements, smoothing and repairing wall and ceiling plaster, prior to painting, ceramic covering and isolation in order to have a flat and sound surface. It is suitable for static (stable) cracks of up to 30 mm.

**Advantages:**

- Does not cause cracking and dusting.
- Easily applied.
- Dries quickly and allows utilization in a short period of time.
- Provides high adherence without primer.
- Resistant to water and frost.
- Fiber reinforced.

**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, detergents, mold release oils and silicone. The application surface must be wet and be kept damp.

**Preparation of the Mortar:** 25 kg of Falcon Coarse Repair Mortar is added to approximately 4.5 - 5 liters of clean water and mixed by a mixer with low speed or with a trowel to ensure 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 within 30 minutes.

**Application Information:** The repair mortar is applied to the

broken, cracked and fractured areas on the surface with the help of a trowel. It can be applied in a thickness range of 5 - 30 mm. It is recommended that the surface is moisturized for 24 hours with regular periods following the application.

**Consumption:** 2 kg/m<sup>2</sup> (for thickness of 1 mm)

**Caution:** Avoid application in temperatures below +5°C and above +35°C. Avoid application on frozen areas, on areas under risk of freezing in 24 hours or on areas open to direct sunlight or wind. Never attempt to extend the expired mortar by adding powder and water. After the completion of the application, keep the surface damp until the mortar is cured. It is not applied on top of gypsum, ready colored plaster, dyestuff and outer facade coatings. The values mentioned above are obtained at 23±2°C and 50±5 relative humidity conditions.

**Packaging:** 25 kg craft bags

**Shelf Life:** Unopened packages can be stored in dry environments for up to 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	: Grey colored coarse powder
Powder Density	: ~1.50 kg/lt
Water Mixing Rate	: 4.5 – 5 lt water / 25 kg powder
Resting Period	: 5 - 10 minutes
Pot Life	: Appr. 30 minutes
Application Temperature	: Between +5°C and +35°C
Bonding Strength	: ≥ 0.8 N/mm <sup>2</sup> (EN 1542)
Flexural Strength	: ≥ 5.0 N/mm <sup>2</sup> (EN 196-1)
Compressive Strength	: ≥ 15 N/mm <sup>2</sup> (EN 12190)
Service Temperature	: -30°C / +80°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.