



# 4020

## Decorative Plaster - Mineral Textured – (Line Pattern)



Product Code : 4020.02

**Quality Certificates**

The product conforms to the TS 7847 standard.

**Description:** A single component, cement-based white decorative facade coating which contains polymer additives. Has 3 mm mineral granular texture. Applied with a trowel.

**Application Areas:** As a top coat decorative coating material in heat insulation systems, on top of interior and exterior facade plasters.

### Advantages:

- Easily applied, provides perfect adhesion.
- Has a decorative appearance and provides homogenous application.
- Wavelike appearance in imperfect heat insulation system applications can be corrected.
- Resistant to water and frost.
- Resists to external impacts and protects the building for long time.
- Allows the building to breathe by allowing water vapor diffusion.
- Exterior facade paints can be applied on top of it.
- Fine granular texture reduces product consumption.

**Preparation of the Surface:** The application surface must be dry, sound and clear of materials which prevent bonding, such as dust, oil, paint, silicone, curing agents and detergents. Prior to application of Falcon Decorative Plaster, the surface should be primed with Decorative Plaster Primer with a brush or a roller.

**Preparation of the Mortar:** 25 kg of Falcon Decorative Plaster - Mineral Textured – White is added to approximately 6 – 6.5 liters of clean water and mixed preferably by a mixer with low speed or with a trowel, until there are no lumps. Prepared mortar should be left to mature for 5 minutes, then be mixed again before use. The mortar must be used within 1.5 - 2 hours.

**Application Information:** The material should be applied with a trowel, and spread over the whole surface in equal thickness. Application thickness must be adjusted as per the largest aggregate. While the material is still wet, generate circular patterns on the plaster with a plastic trowel. In high temperatures, moisturize the surface until the cement is set.

**Consumption:** 1.75 – 2.50 kg/m<sup>2</sup> (Varies depending on the application surface.)

**Caution:** Avoid application in temperatures below +5°C and above +35°C. If possible, make the application all at once. If breaks are necessary; make separate applications by dividing the surface in sections of 20 m<sup>2</sup>. Proceed to plastic trowel application within 10 minutes to avoid a film layer to form on the plaster. 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 until the cement sets (about 1 week) following the application. Never attempt to extend expired mortar by adding powder and water. The product should not be applied on horizontal surfaces that are exposed to rain. 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 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 granule
Powder Density	: ~1.40 kg/lt
Water Mixing Rater	: 6 - 6.5 lt water / 25 kg powder
Resting Period	: 5 minutes
Pot Life	: Appr. 1.5 - 2 hours
Application Temperature	: Between +5°C and +35°C
Dry Film Thickness	: > 400 µm (E5) (EN 1062-1)
Granule Size	: Coarse < 1500 µm (S3) (EN 1062-1)
Water Vapor Transmission Rate	: High > 150 g/(m <sup>2</sup> .d) (V <sub>i</sub> ) (EN ISO 7783-2)
Liquid Water Transmission Rate	: Low ≤ 0,1 kg/(m <sup>2</sup> .h0.5) (W <sub>i</sub> ) (EN 1062-3)
Application Thickness	: Appr. 1.5 mm
Complete Drying Time	: 1 - 2 days
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.