Kalekim

4082 Minart Silver 200

Mineral Based Decorative Coating

Technical Data Sheet

4082 Minart Silver 200

Description

Cement based, decorative exterior coating material.

Fields of Application

- Used on well plastered surfaces of exterior coating systems.

Properties

- Provides quick application by being easily applied.
- Easy to give texture.
- Forms a natural and decorative textured surface with its characteristic filling.
- High water vapour permeability allowing the building to breathe.
- Allows the building to breathe thanks to its moisture removal ability.

Preparation of Substrates

- The substrate must be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion. The surface should be made sound clean and dry.
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- Sand glossy and/or solvent based painted surfaces to improve adhesion and remove the
- occurring powder.
- Use Kalekim Tamirart in case of uneven substrates to get sound and flat surface.

Application

- Pour Minart Silver 200 on the amount of clean water specified in the technical table slowly and mix to obtain a homogeneous paste free from lumps. A low speed mixer is recommended to mix.
- Allow to stand for 5-10 minutes to mature. After remixing the paste is ready for application.
- Apply Minart Silver evenly to the surface by means of a stainless steel trowel as far as the required filling span. Apply a plastic trowel in circular movements to gain texture.
- Finish all adjoining surfaces in a single application.

Post-Application Protection & Suggestions

- Consume the prepared mortar within 3 hours. Dispose of the mortar which has exceeded its pot life.
- New mineral substrates must be cured at least 28 days before application. All water insulation precautions should have been taken prior to application.
- Do not leave Minart Silver as the final coat. Must be painted after drying.
- Do not add any additives, except the ones stated in the product application instructions.
- Ensure that the air and surface temperatures are above +5 °C and the surface is rain free during
- application and 24 hours following the application.
- Do not apply in extremely hot weather, under glaring sun, during strong wind, fog, high relative
- humidity, imminent rain or frost. Hot surfaces should be dampened before application.
- In order to avoid overlapping in large areas or after work pauses, masking tape should be used or an adequate number of applicators should be employed to apply the plaster wet-on-wet without interruptions.
- The above values are given for 23°C±2 temperature and % 50±5 humidity conditions. Values may differ depending on environmental conditions.
- Not suitable for application on horizontal surfaces exposed to rain or moisture.
- Minart Silver 200 should be used within shelf life. If shelf life has expired, it should not be used during application.
- The consumption values in the table refers to an average consumption amount. It may vary depending on the application conditions and surface properties.
- Since it contains cement, it irritates the eyes, respiratory system and skin. For further information refer to the safety data sheet.

Storage

- Packages should be kept dry and cool at between +5˚C and +35˚C in moisture free conditions. Avoid direct sunlight.
- Packages should be protected from water, frost and adverse weather conditions.
- Do not stack more than 10 bags on top of each other.
- Shelf life is maximum 12 months conditional to complying with the above mentioned conditions.

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Packaging

- 25 kg multi-ply paper bags.

Quality Certificates

EN 998-1 /February 2017

Technical Specifications (23 °C and 50% RH)

General Data

Colour	White
Composition	Cement based
Shelf Life	12 months in the original sealed packaging in dry place.

Application Data

Consumption	2.4 – 2.8 kg/m²
Application Temparature Range	(+5°C)-(+35°C)
Applications Tools	Steel and plastic trowel
Mixing Ratio	5.75 – 6.5 lt water / 25 kg powder

Performance Data

Service Temparature Range	(-30°C)-(+80°C)
Compressive Strength / Class (EN 1015-11)	3.5-7.5 N/mm²- CS III
Bonding Strength – Type of Break (EN 1015 - 12)	≥ 0.45 N/mm² / B
Bulk Density of Hardened Mortar (EN 1015-10)	1400 ± 100 kg/m^3
Capillary Water Absorption – Class (EN 1015-18)	≤ 0.40 kg/m²dk$^{0.5}$ – Wc1
Water Vapor Permeability Coefficient/(μ) (EN 1015-19)	<15 (Table Value)
Thermal Conductivity (TS EN 1745)	≤ 0.53 W/m.K (Table Value) P = 50%
Reaction to Fire (TS EN 13501 - 1)	A1
Dangerous Substances (EN 998 - 1)	See SDS.

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