

Silicon Enhanced Mineral Render



ProofDeco thin- coat mineral render provides a waterproof, silicon enhanced finish suitable for use over ProofTherm Insulating Render or as a standalone render solution for use on a wide range of substrates.

Naturally breathable, ProofDeco provides a tough and durable finish that can be used in adverse weather conditions as it is fast setting, flexible and highly adhesive.

ProofDeco should be painted with a Silicon or Acrylic exterior paint when dry to provide a fully sealed, long lasting finish with excellent resistance to algae growth.

Rapid Drying, Crack Resistant, Silicon Enhanced

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ProofDeco

Product Data

Description

ProofDeco is a modified cement based, breathable mineral render that can be used as an exterior render or on internal walls to provide a decorative, tough, impact resistant finish. It is typically used as a final layer on top of external wall insulation systems or as a stand alone, non-coloured render.

Properties

- Easy to mix and apply with a pliable structure and excellent adhesion
- 2mm grain size gives textured finish
- Can be applied in more adverse weather conditions than a ready to use silicon/acrylic render as it is able to dry and harden at lower temperatures and at a higher humidity
- Durable with excellent weather and frost resistance and naturally resistant to algae growth
- Colour is white. ProofDeco should be painted with a suitable silicone based exterior paint when dry to provide the ultimate protection for many decades

Composition

Calcium carbonate, cement, sand, silicon, polymers and binders

Application

ProofDeco should be mixed with approx. 5.5 litres of clean water per bag at a slow speed for around 3 minutes until a homogenous, creamy consistency has been achieved. Allow 2 minutes resting time before application by hand or pump at a depth of 2mm. Final decorative finish should be applied before fully dry.

Do not apply ProofTherm Mineral Render at temperatures below 5c or if frost/rain is expected. A mineral render will dry more quickly than a ready-mixed Silicon render but should still be protected from rapid drying under direct sunlight or in windy conditions to avoid surface cracks.

As with all renders, correct preparation of the substrate is essential. ProofBase Universal Primer is recommended to provide a good adhesive base and for suction control where applicable.

ProofDeco

Bag Weight	25kg
Granule size	2 mm
Colour	White
Applicable Thickness	2 mm
Dry unit volume weight	1.60 ± 0.2 (kg / lt)
Wet unit volume weight	1.80 ± 0.2 (kg / lt)
Pot Life	~ 30 min
Working Time	20 – 25 (min)
Curing Time	~ 24 hours
Compressive Strength	≥ 12 N / mm ² (28 days)
Flexural Strength	≥ 3 N / mm ² (28 days)
Mixing Ratio	5 - 5.5 litres water per 25kg bag
Temperature range for application	Between +5°C and +35°C
Resistance of hardened coating	Between -25°C and +80°C
Coverage	8.5 - 9m ² per 25kg bag at 2mm
Capillary water transfer rate	W2

Safety:

- Contains calcium carbonate and cement
- Skin irritant: Wash with plenty of water
- Eye irritant: Remove contact lenses if present and flush carefully with water for several minutes
- May cause respiratory irritation. Avoid inhaling dust
- Keep out of reach of children
- Wear protective gloves, clothing and eye protection
- Call a poison center or doctor if you feel unwell
- Dispose of contents / container in accordance with local regulations and at an approved facility.



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