

maxit Onelite MQ- Single Coat Render



Description

A machine projected single layered render composed of a white cement base, selected, graded mineral aggregates, light aggregates, special additives for improving workability and adherence of the material, Hydrophobic components, pigments and fibres.

Finish

Scratching should be carried out with the correct tool (spiked trowel or Scratcher) to obtain a stone-masonry effect. Any loose material should be brushed off using a large soft brush.

Colours

Available from our standard range. Colours from the Classic RAL chart may be available on request.

Substrate

Onelite MQ can be applied to various masonry, pre-cast concrete panels and insitu-concrete

Preparation

The substrate must be stable, clean, free of grease and paint. Pre-dampen where the substrate is very absorbent, it must be dampened and left to absorb the moisture. Do not saturate or apply to a saturated substrate. The substrate must be flat and any hollows must be filled in. You must use a fibre reinforcement mesh to strengthen stress points around openings.

Technical Data

Binder:

Cement

Aggregate:

Silica Sand and Lime Stone

Addition:

Mineral pigments, water retainer, fibres.

Pigment:

Inorganic

Material Consumption

1.43 Kg / mm / m²

Thickness:

Minimum final thickness
10mm

Maximum single application
20mm

Final density of hardened product:

1530 +/- 100Kg/m³

Water addition:

23% (4.5 - 5 Litres per bag)

Resistance to compression:

(28 days)
> 6.5 Mpa

Flexural strength:

(28 Days)
2.5Mpa

Working time

30-40 minutes

Packaging

25 Kg bags.
1200 Kg pallets

Storage

12 months under dry conditions.

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Mixing

Mix the **Onelite MQ** with 23% (4.5 - 5 Litres per bag) of clean water by mechanical means, until completely smooth.

Application

During application, the temperature must be between 5°C and 30°C. Bead out the application area with Stainless steel, Aluminium or UPVC beading, which also serve as reference for the thickness applied. These need to be carefully bedded or fixed to achieve the desired thickness.

A thin layer of the product may be applied first, pressing it in well into the surface with the trowel. Then, before that layer dries, extend the mixture in a uniform way to a thickness of 15 -20 mm (minimum 10mm final finish after scratching) Continue to apply until you have a smooth flat surface at the desired thickness.

When the product has partially hardened, but not set.(this takes 4 to 20 hours, depending on the substrate and the ambient conditions) Scratch the surface with the appropriate tool, in order to achieve the effect of finely marked stone. Ensure that the scratching is always done with the same amount of force in order to avoid differences in colour.

Note: maxit MQ cannot be hand applied.

Health & Safety

Hazardous- contains highly alkaline binder. Before using **Onelite MQ** the precautionary information submitted in the Material Safety Data Sheet (MSDS) must be observed.

Note: The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect application, this data sheet does not relieve the supplier of the responsibility of carrying out their own tests. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

The figures shown are correct at the time of press, September 2004.

Practical Tips

- Divert rainwater from the roof away from the newly rendered surface.
- Joints/movement joints must be placed in line with all building / structural joints.
- Unless agreed with **maxit** personnel maximum separation between horizontal joints 2.2m , vertical joints 7m.

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