

Technical Data Sheet

Product name:

Rockcote PM100 Quick Render

Description:

A modified mineral render for use over any substrate in conjunction with alkali resistant fibreglass mesh. It is commonly used as a base coat (with mesh) and a levelling/second coat prior to a textured finish.

Typical Use:

- Base Coat applied over prepared substrates.
- Levelling Coat over a base coat.

Expectation:

PM100 Quick Render will cure to form a strong crack resistant background which will accept a textured finish.

Limitations:

Do not apply less than 2-3mm per coat. Must be used in conjunction with RCS Alkali resistant fibreglass mesh. Requires over-coating with finishing textures.

Technical Data:

Mix ratio:	20kg plaster requires approx. 4.5 Litres of water
Coverage:	Base Coat 5mm thick approx. 3m ² , Levelling Coat 2mm thick approx. 6m ²
Substrates:	all substrates
Abrasive strength:	Excellent
Adhesion:	Excellent
Vapour Permeability:	No vapour barrier formed
VOC:	N/A
Colour:	grey
Packaging:	20kg bags
Clean up:	Water while product is wet
Use by:	12months from date of manufacture
Storage:	Cool, dry place, of the ground
Application Temperature:	+ 5 °C to + 30 °C
Usual No Coats:	1
Drying Time:	24 hours
Touch Dry:	4 hours
Dry to Recoat:	12 hours
Film Build:	Approximately 2mm dry film build per coat
Thinning:	N/A
Density:	1540kg/m ³ after 28 days

MPa: 6.67

Surface Preparation:

Ensure the surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. Polystyrene which has been over-exposed to UV will require a broom or scrape to remove any dusty surfaces. Pre-painted surfaces should have a slurry coat of Rockcote MultiStop Bedding Compound applied.

Application:

Plaster can be applied with a steel trowel, pump or broad-knife. Apply with firm pressure lay in mesh and trowel well to embed mesh (for base coat only). Apply plaster only when the temperature is between 5°C and 30°C and will be in that range for the 24 hours period following application.

Curing:

PM100 Quick Render should be protected from hot drying winds and direct sunlight for the first 16 hours. Protect newly applied plaster from rain and water run off for the first 24 hours.

Clean up:

Wash equipment and spills as soon as possible with water.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste should be disposed of in empty bags, once dry dispose of in trade waste. The powder is an irritant and appropriate PPE dust masks are advised when handling. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust masks and safety glasses when handling products.

Material Safety Data Sheets are available upon request or access directly from <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>