

Technical Data Sheet

Product name:

Mono 5 Render

Description:

It is a meshing render for use over masonry substrates in conjunction with RCS alkali resistant fibreglass mesh. It is commonly used as a base coat and a levelling / second coat prior to applying a Rockcote or Plaster Systems textured finish.

Typical Use:

Base Coat applied over masonry substrates. Levelling Coat over a base coat of Rockcote or Plaster Systems mineral plasters.
Excellent for use with Plaster Pumping machines.

Expectation:

Mono 5 Render will cure to form a strong crack resistant background which will accept a textured finish.

Limitations:

Do not apply less than 4mm per coat. Must be used in conjunction with Resene Construction Systems 150gsm Alkali resistant fibreglass mesh. Requires over-coating with finishing textures.
Not to be used as a base coat over EPS / XPS or Graphex substrates

Technical Data:

Mix ratio:	20kg plaster requires approx. 4L of water
Coverage:	Base Coat 4mm thick approx. 3m ² , Levelling Coat 2mm thick approx. 6-8m ²
Substrates:	Masonry/AAC/over a 1st coat of plaster
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, off 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 2-4mm dry film build per coat
Thinning:	N/A
Density:	1470kg/m ³ after 28 days
MPa:	4.67

Surface Preparation:

Ensure the surface is clean, sound, dry and free from dust, dirt, grease, mould and lichen. Pre-painted surfaces should have a slurry/keying coat of ROCKCOTE MultiStop bedding compound or Plaster Systems™ AAC adhesive applied.

Application:

Plaster is applied with a steel trowel 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:

Mono5 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/>