



MATERIAL INFORMATION DATA SHEET

Render

DESCRIPTION

Euromix® Render, when used in conjunction with Euromix® Bond, is a water resistant, high quality pre-blended, acrylic modified cement based plaster.

USES

- Suitable for rendering and patching over most substrates for interior and exterior use.
- **Euromix® Render** is designed for use as a coarse skim coat applied in layers ranging from 2mm to 6mm at a time.

FEATURES – BENEFITS

- **Euromix® Render** is easy to apply and can be ruled off with an English Feather or a conventional straight edge to level the surface.
- **Euromix® Render** has superior adhesion properties compared to conventional sand and cement renders.
- **Euromix® Render** will not display typical sand and cement weaknesses such as Herringbone cracking and drumminess.
- **Euromix® Render** provides a stable and protective surface for subsequent Euromix® coatings.
- **Euromix® Render** can be over-coated 48 hours after application compared to 14 days for standard cement render. This greatly reduces expensive scaffolding costs.
- **Euromix® Render** contains specially formulated additives which greatly enhances, application, adhesion and water resistant properties compared to standard cement render.

SUBSTRATES

Euromix® Render is suitable for a wide range of substrates including off-form concrete, tilt-up, pre-cast concrete, block and brickwork, Autoclaved Aerated Concrete (AAC) panels, blocks and Fibre Cement Sheeting.

COLOUR

Grey.

SURFACE PREPARATION

Surface preparation is the responsibility of the Contractor and/or Applicator. The substrate must be level and free from irregularities, and be thoroughly clean and free from any contaminants that may interfere with adhesion. Cementitious substrates should be left for 12-28 days before coating, and contain less than 15% moisture (wood equivalent) before applying the Euromix® Render, Euromix® Skim and/or plaster mix.

MIXING

Euromix® Render can be mixed (with the correct Euromix® Bond/water gauge) by mechanical mixer or with the traditional concrete mixer. Add the required volume of gauge ('milk') to the mixing bucket or concrete mixer then steadily add the **Euromix® Render** powder until it is smooth and lump free. This mixture should hold a stiff peak on the hawk. Too soft a mixture will run off the hawk and takes too long a time before the surface can be finished up; too firm a mix becomes difficult to apply and finish. Normally one (1) 20kg bag of **Euromix® Render** to approximately 4 litres of water is sufficient.

Euromix® Bond water ratios for the following substrates:

1) Cement or clay bricks/blocks	1:19	
2) Aerated Autoclaved Concrete blocks/panels	1:9	
3) Pre-cast/off-form concrete surfaces	3:17	
4) Painted surfaces		1:4
5) Expanded Polystyrene/Styrofoam	1:4	

APPLICATION METHOD

Material is applied with a stainless steel trowel and finished with a plastic, polystyrene or wooden float.

GENERAL DATA

Drying times:

Surface dry:	Four (4) hours
Recoat:	Twenty four (24) hours
Hard dry:	Seven (7) days
	All figures are quoted at 25 degrees Celsius at 50% Relative Humidity
Coverage:	2.00Kg per squared metre (average thickness 1mm)
Pot life:	Four (4) hours at 25 degrees Celsius and 50% Relative Humidity
Texture:	Slightly grained powder.
Working time:	Approximately four (4) hours.
Consistency:	Thick paste
Adhesion:	Excellent
Abrasion resistance:	Excellent
Shelf life:	Twelve (3) months when stored properly. Must be stored under cover, above ground, away from heat and moisture.
Clean up:	Clean equipment with water
Precaution:	Application of Euromix® Render should be carried out at temperatures above 10 degrees Celsius and below 35 degrees Celsius. Euromix® Render must not be subjected to hydrostatic pressure.
Packaging:	20Kg bags.

SAFETY

Euromix® Render is cement based and may irritate skin and eyes. Gloves and goggles are recommended. Avoid inhalation of dust. In the event of contact, wash skin immediately with clean water to minimise possible irritation. Seek medical advice if irritation persists.

- If swallowed, do not induce vomiting. Give plenty of water to drink and seek medical advice.
- If contact with eyes, hold eyes open, flood with water for at least 15 minutes, and see a doctor if irritation occurs.
- If contact with skin, wash skin thoroughly with soap and water. Do not use solvents.

SPECIAL CONDITIONS

- The excellent performance of Euromix® products is dependant upon correct application and proper surface preparation. We recommend that Euromix® products be applied by applicators and tradespeople experienced in the application of the product chosen or specified.
- Provision of applied site sample/reference area.
 In the interest of quality control, the Applicator shall prepare an Applied Sample of the coating, onto the surface to which it is to be applied.
 The site reference enables you to satisfy yourself as to:
 - (a) Substrate preparation
 - (b) Product colour and quality
 - (c) The skill of the applicator
 - (d) The finish that you require

All data given, statements and recommendations made herein are based upon our research and experience, which we believe to be accurate. However, we give no guarantee of accuracy made or implied.

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