

Euromix™ Cream Render



Euromix™ Cream Render is a pre-blended, cement based acrylic modified, general use render, suitable for application by both hand and machine (masonry substrates only).

1. Product Summary:

Euromix™ Cream Render can be applied by hand, when mixed with water and an acrylic bonding agent, Euromix™ Bond, **or by machine, over masonry substrates only**, where no bond is added.

Euromix™ Cream Render provides a weather resistant finish that is suitable for decorative base coat rendering and patching over most substrates in interior and exterior wall and ceiling applications.

Product Name	Euromix™ Cream Render
Code	RENCREAM
Packaging	Dry packed in 20kg composite paper and plastic bags.
Appearance	In the bag and before the addition of water, Euromix™ Cream Render appears as an off-white / light grey mixture of finely ground, cement like materials and sand. After application and drying Euromix™ Cream Render finishes to a light grey colour with a slightly rough texture.

2. Product Features:

Being pre-mixed, in set proportions, in the factory, means that Euromix™ Cream Render saves time and reduces waste on site, while also delivering consistent strengths and appearance after curing.

The use of a selected blend of various diameters, round sand grains and special chemicals that improve workability, means that Euromix™ Cream Render flows well on tools, reducing fatigue for the tradesman.

As the polymer content can be changed (when added to the mixing water) Euromix™ Render is able to be used on a wide range of substrates, both as a base render coat and a finishing render coat.

Euromix™ Cream Render is manufactured using a selected range of chemicals designed to enable the product to be applied via machine.

3. Typical Uses:

Applied by hand, in layers ranging from 4mm to 8mm thickness, Euromix™ Cream Render can be floated or sponge finished, ready for other renders, textures or paints.

Euromix™ Cream Render is an excellent base coat for application over most substrates including clay and cement bricks/blocks, pre-cast or site poured concrete surfaces, autoclaved aerated concrete blocks / panels (AAC), fibre cement sheeting (FC) and expanded polystyrene sheet (EPS) surfaces.

When applied by machine (over masonry substrates) Euromix™ Cream Render can achieve thicknesses of up to 12mm per coat.

4. General Performance Guidelines:

All Euromix™ Renders are designed for use as decorative finishes; they are not meant to be used in applications where special strength, movement, hardness or other performance characteristics are required. The properties listed below are general in nature;

Weather	Excellent weather resistance when top coated.
Temperature	Performs well after hydration in temperatures from – 4 to 60°C.
Abrasion	Good resistance to abrasion after full curing.
Solvents	Sensitive to exposed aromatic hydrocarbons, acetone and strong solvents.

5. Application Guidelines:

5.1 Substrate Preparation

All substrates must be clean, dry and free from any material that may inhibit adhesion (including loose paint, grease, oil, fungus / moss, dirt, friable materials and any mould release agents).

New concrete should be allowed to dry for 12-28 days before coating (ensure that the moisture content is less than 15%). If the concrete surface is very smooth and shiny, then wet it slightly and apply a scratch coat of Euromix™ Patch Coarse as a keying coat first.

Mask windows and architectural trim elements before applying render. Floor and adjacent walling materials should be protected against spills and splashes by plastic film or similar.

5.2 Mixing the Render (when applying by hand)

When applying Euromix™ Cream Render by hand it should be mixed with a 'solution' of Euromix™ Bond plus water. The required volume of Euromix™ Bond plus water should be prepared in a mixing bucket. Then, steadily add the Euromix™ Cream Render powder, mixing until the paste is smooth and lump free.

This mixed render should hold a stiff peak on the hawk. Do not mix more material than can be used within one (1) hour.

5.2 Mixing Euromix™ Cream Render (when applying by machine)

No bond is required when applying Euromix™ Cream Render by machine, over masonry (common bricks & concrete blocks), simply load the render straight from the bag into the hopper.

5.3 Bond Ratios (when applying by hand)

In normal use approximately 4 litres of Bond / water mix is required for 1 bag (20Kg) of Euromix™ Cream Render. The bond / water ratio for common substrates / surfaces is;

	Bond	Water
Cement Bricks/Blocks	250ml	3.75L
Clay Bricks/Blocks	250ml	3.75L
Render	250ml	3.75L
AAC & Concrete	500ml	3.50L
FC & EPS Surfaces	750ml	3.25L

For second coat or subsequent coat of render mix 250ml Euromix™ Bond and 3.75L water.

5.4 Application

Euromix Pty Ltd recommends that Euromix™ Cream Render be applied by skilled trades' people who are experienced in acrylic rendering application.

Apply Euromix™ Cream Render to the substrate surface using a hawk & trowel, or; via the spray gun of a suitable render pumping machine.

Allow the render to stabilize before levelling and finishing to the desired texture. Spillage and partially set material should be discarded – do not reuse.

Euromix™ Cream Render should be applied in layers of 4 - 8mm maximum thickness, by hand, and 12mm by machine. Higher thickness can be achieved in multiple coats (allow at least 24 hours between coats).

5.5 Curing

Ensure adequate protection from the drying effects of direct sunlight, wind and low humidity or a combination of these elements. Do not apply Euromix™ Cream Render when temperature will be above 35°C, especially if windy.

Do not attempt to apply Euromix™ Cream Render when temperature is below 10°C or where the chill factor is high.

Ensure that the curing render is protected from rain, extreme frosts and other sources of excess moisture.

Drying and curing times are given as a guide only (for normal weather conditions, at 25°C and 50% R);

Surface dry	Four (4) hours.
Recoat with Render	One (1) day.
Texture & Paint	Three (3) days for acrylic texture & paints. Twenty-one (21) days for oil / alkyd based paints.

5.6 Coverage:

Coverage is variable, dependent upon type, texture and porosity of the substrate and the application technique. As a guide 1 bag (20Kg) when applied at @ 4mm thickness will cover 3-5 SQM.

5.7 Clean Up:

Tools should be cleaned with water before the Euromix™ Cream Render has cured. Any spillage or splashes should be removed immediately as the cured render is extremely difficult to remove.

6. Health & Safety:

The International Agency for research on cancer (IARC) has classified "Crystalline Silica" as a Human Carcinogen.

Precautions in Use	The use of gloves, goggles and overalls is recommended when Render is being applied. Work areas should be well ventilated and cleaned regularly.
Safety & Precautions	The use of gloves and goggles is recommended.
First Aid	If swallowed, drink a glass of water and seek medical advice. If in eyes, flush thoroughly with clean water to flush away any contaminate. If on skin, remove contaminated clothing and wash skin with soap and water. If powder is inhaled remove person to fresh air.

7. Limitations in Use:

Product should not be subjected to hydrostatic pressure and rising damp. Any building movement that results in visible cracking of the render substrate will be sufficient to cause cracking of the render. Euromix Pty Ltd will not accept responsibility for misuse of this product.

8. Handling, Storage & Transport:

Handling	Euromix™ Cream Render is supplied in 20Kg bags - recognised local safe lifting methods should be used.
Storage	Store in a cool / dry area, protected from excessive heat, frost and moisture.
Shelf Life	Approximately 12 months in unopened bags.

The information contained in this product data sheet is typical and does not constitute a full specification, as conditions and specific requirements will vary from project to project.

All purchasers and intending users of the products covered in this document must, prior to use, assess and control the risks arising from use of the products, as they relate to their project.

For further information please contact Euromix Pty Ltd via the contact details listed below;

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