

Euromix™ Skim Coat Render



Euromix™ Skim Coat is a pre-blended, cement based, acrylic enhanced, finishing render.

1. Product Summary:

Euromix™ Skim Coat render, when mixed with water and Euromix™ Bond, an acrylic emulsion bonding agent, provides a weather resistant finish coat over other Euromix render base coats.

Although designed primarily for use as a finishing render, Skim Coat can be used for rendering and patching over most common building substrates.

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

2. Product Features:

Being pre-mixed, in set proportions, in the factory, means that Euromix™ Skim Coat 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 Skim Coat flows well on tools, reducing fatigue for the tradesman.

Euromix™ Skim Coat is manufactured using a selected blend of small diameter, very round, sands. This blend enables Skim Coat to be trowelled to very smooth flat finish or to be sponged to an even fine textured finish.

3. Typical Uses:

Applied by hand, over a flat, level render base coat, in one layer ranging from 2mm to 3mm thickness, Euromix Skim Coat Render can be floated or sponge finished ready for texture coats or paints.

Product Data Sheet (PDS/RENSKIM/MAR23)

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4. General Performance Guidelines:

All Euromix™ Renders are designed for use as decorative where special strength, movement, hardness or other performance characteristics are required. The properties listed below are general in nature;

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| 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:

Euromix recommends that Euromix Skim Coat be applied by skilled trades' people who are experienced in acrylic rendering application.

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).

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

Euromix™ Skim Coat should be mixed with a 'solution' of Euromix™ Bond plus water by mechanical mixer or with a traditional concrete mixer. The required volume of Euromix Bond plus water should be prepared in a mixing bucket. Then, steadily add the Euromix Skim Coat 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.

5.3 Bond Ratios

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

| | Bond | Water |
|-------------------------------|-------------|--------------|
| Clay Bricks and Render | 1 | 19 |
| Calcil | 1 | 15 |
| AAC & Concrete | 1 | 9 |
| FC & EPS Surfaces | 1 | 4 |

5.4 Application

Apply Euromix™ Skim Coat to the substrate surface using a hawk & trowel.

Euromix™ Skim Coat Render



It is recommended that Euromix™ Skim Coat be applied in layers of 2-3mm maximum thickness.

When the applied Skim Coat has firmed sufficiently, it can be first levelled and made true with a straight edge, before being floated with a; polyurethane, polystyrene, or; wooden float, to achieve a flat, smooth surface.

A textured finish can be achieved by using a sponge trowel to bring the sand to the surface.

Spillage and partially set material should be discarded – do not reuse.

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 Skim Coat when temperature will be above 35°C, especially if windy.

Also do not attempt to apply Euromix Skim Coat when the 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);

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|----------------------------|---|
| 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 (20 Kg) when applied at @ 4mm thickness will cover 3-5 SQM.

5.7 Clean Up:

Tools should be cleaned with water before the Euromix Skim Coat has cured. Any spillage or splashes should be removed immediately as the cured render is extremely difficult to remove and is likely to stain.

6. Handling, Storage & Transport:

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| Handling | Euromix™ Skim Coat is supplied in 20 Kg 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. |

7. Health & Safety:

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

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| 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 by wet sweeping or vacuuming. |
| 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. |

8. Limitations in Use:

Product should not be subjected to hydrostatic pressure, continual or excessive rising damp, movement and vibration.

Any building movement that results in visible cracking of the render substrate will be sufficient to cause cracking of the render.

Euromix strongly recommends that Euromix Skim Coat be applied by building contractors and trades people with the appropriate skill, knowledge and experience to carry out the relevant works.

Euromix will not accept responsibility for misuse of this product.

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.

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