



**Euromix™ FP Render is a fast curing, dry pre-mixed, full polymer, cement render - no bond required in mixing – it is suitable for most substrates such as EPS, AFS, fc sheeting, brickwork, masonry, concrete, AAC etc.**

## 1. Product Summary:

Euromix™ FP Render (full polymer) is mixed with water only and is generally applied as a base coat and topcoat at thicknesses up to 8-10 mm in an application.

Applied by hand, or by machine spray, in one layer, Euromix FP Render can be floated, or sponge finished, ready for other renders, texture coats or paints.

<b>Product Name</b>	Euromix™ FP Render
<b>Code</b>	RENFP
<b>Packaging</b>	Dry packed in 20kg composite paper / plastic / paper bags
<b>Appearance</b>	In the bag and before the addition of water, Euromix FP Render appears as an off-white / light grey mixture of sand and cement like materials. After application and full curing, Euromix FP Render 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™ FP 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 FP Render flows well on tools, reducing fatigue for the tradesman and offering no shrinkage\* and fast curing properties.

The polymer content of Euromix FP Render enables it to be used on a wide range of substrates, both as a base render coat and as a finishing render coat, without the need to add polymer in the mixing water.

## 3. Typical Uses:

Euromix™ FP Render is suitable for architectural rendering and patching applications over most masonry substrates.

It is particularly suited to use as a base coat, over panel products, like; autoclaved aerated concrete blocks / panels (AAC), fibre cement sheeting (FC) and expanded polystyrene sheet (EPS) surfaces.

## 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;

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

## 5. Application Guidelines:

Euromix strongly recommends that Euromix FP Render be applied by trades people with the appropriate skill, knowledge, and experience of acrylic rendering practice, to carry out the relevant works.

### 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 to provide a keying coat.

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 FP Render should be mixed with clean potable water (no bond required) by mechanical mixer or with a traditional concrete mixer. Pour the water, around 4L – 4.5L, into a clean mixing bucket, then steadily add the Euromix FP Render powder while 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.

When applying Euromix FP Render by machine, simply load the render straight from the bag into the hopper.

### 5.3 Application

Apply Euromix FP Render to the substrate surface using a hawk & trowel or by spray gun with a machine pump (followed by initial levelling using a trowel).

When the applied material has firmed sufficiently it can be levelled and made true with a straight edge, before being floated, with a suitable float, to achieve a flat surface ready for the next coat of finishing render (like Euromix Skim Coat).

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

Euromix FP Render should be applied in layers of 6mm maximum thickness. Higher thicknesses can be achieved in multiple coats (allow at least 24 hours between coats).

### 5.4 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 FP Render when temperature will be above 35°C, especially if windy.

Also do not attempt to apply Euromix FP Render 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);

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

### 5.5 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.

### 5.6 Clean Up:

Tools should be cleaned with water before the FP Render has cured. Any spillage or splashes should be removed immediately as the FP Render is extremely difficult to remove once cured and is likely to stain.

## 6. Health & Safety:

Euromix FP Render contains cement which is alkaline in nature and silica which is classified as a carcinogen, refer to the product SDS for full safety information.

<b>Precautions in Use</b>	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.
<b>Safety &amp; Precautions</b>	The use of gloves and goggles is recommended.
<b>First Aid</b>	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, 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 will not accept responsibility for misuse of this product.

## 8. Handling, Storage & Transport:

<b>Handling</b>	Euromix FP Render is supplied in 20 Kg bags - recognised local safe lifting methods should be used.
<b>Storage</b>	Store in a cool, dry area, protected from excessive heat, frost, moisture and the potential for damage to the bag.
<b>Shelf Life</b>	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, via the contact details listed below;*

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