



***Euromix™ offers numerous products for use in finishing systems over all types of masonry substrates (bricks, blocks, concrete, etc.)***

## 1. System Scope:

The Euromix™ Masonry system summarised here covers;

- Substrate preparation.
- Fixing of PVC trims & angles, cutting of joints, etc.
- Application of Euromix™ Renders to a thickness of 6-8mm to straighten and level irregularities of substrate as good as possible.
- Application of a finish coat of render to a thickness of 2-3mm. A float finish ready for a Textured decorative finish (from 0.4mm to 1.2mm thickness).
- Application of Euromix™ Acrylic Primer prior to the application of Texture coating finishes.
- As the majority of renders can produce shrinkage cracking while they are drying and curing, the application of a Texture coating finish will always give you extra flexible coating that will bridge and stop most hairline cracking.
- As another option for the render finish (when no Texture coating is applied), we recommend the application of Euromix™ Skim Coat Render as a finish coat to achieve a fine sponge finish ready for painting. We recommend to always paint with a good elastomeric membrane paint.

Euromix™ Renders are designed for use as a decorative finish. They are not meant to be used in 'engineered' applications (where special strength, movement, hardness or other performance characteristics are required).

## 2. System Application:

### 2.1 Masonry Substrate Preparation: Bricks & Blocks

Ensure all elements to be rendered have been constructed and fixed in accordance with the project plans, built within acceptable building tolerances and manufacturer's recommendations. Some items for consideration include;

- The type of bricks to be rendered - as they come in many types: glazed, unglazed, raked, flush, solids, schooners, etc.
- Walls should be straight, flat and plumb, structurally sound and good enough to be rendered.
- Walls should be prepared and cleaned from any loose mortar, efflorescence from brick joints mortar and given a good power washing throughout.
- Movement joints must be installed in accordance with building guidelines and Building Code of Australia (BCA) guidelines.
- All surfaces of the masonry walling to be coated must be clean, dry, free from any material that may inhibit adhesion and with a moist content below 15%.
- Identify any surface irregularities and surface imperfections. If major imperfections or cracks are present, determine the best method / extent of 'make good' and the possibility of using fibre reinforced mesh.
- Locate dampcourses – these should not be bridged by the render finish.
- Mask windows and architectural trim elements, floors and adjacent walling materials using tape, plastic film or similar.

### 2.2. Concrete slabs, walls, etc

After all the required preparation is done, make sure that all concrete is thoroughly cleaned and washed in the rest of the masonry areas. Allow to dry and apply a first coat of either Euromix™ Patch Coarse Broadwall or a scratch coat of Euromix™ NPS Keycoat Render for better adhesion. Allow to dry for 24 hours.

### 2.3 Fix Fibreglass and PVC Render Trims:

Where the specification calls for PVC angles/trims or other type of angles, lay a bed of Euromix™ Render over the surface of the corners where the trims need to be installed i.e. window seals, door reveals, hobs, parapets etc. Fix the required PVC Trims into position and ensure they are plumb and levelled with the required thickness of render necessary to make the walls straight.

In areas where the walls require the use of fibreglass mesh, i.e. areas where cracks are apparent, round walls built with block work etc., apply a 2mm bed of Euromix™ Patch Coarse and Euromix™ Render and make certain that the fibreglass is fully embedded in the mix (covered above and below).

Work on angles/trims/mesh progressively to ensure the bedding coat does not set before they are in the correct position. Allow angles to fully set before commencing any rendering works.

## 2.4 Base Render Coating:

Euromix™ offers four different render products that can be used for the base render coat. While each of these four renders will provide the required appearance, durability and functional performance characteristics, they do offer different attributes during application;

Product	Description
<b>Euromix™ FP Render</b>	A medium grained full polymer render formulated for use as a general-purpose base render.
<b>Euromix™ LWHB Render</b>	A medium grained high polymer / light weight render formulated for use as a base render for walls that require a thicker build up.
<b>Euromix™ Cream Render</b>	A medium – large grained multi-purpose render that requires the addition of the polymer (Euromix™ Bond) in the mixing water.
<b>Euromix™ Render</b>	A small - medium grained multi-purpose render that requires the addition of the polymer (Euromix™ Bond) in the mixing water.

Euromix™ experience and many years of tradesmen feedback suggests that the two ‘full polymer’ renders Euromix™ FP Render and Euromix™ LWHB Render, offer higher levels of confidence for the project manager that the correct polymer content has been used for the application.

Nevertheless, Euromix™ Cream Render & Euromix™ Render mixed with the different ratios of Euromix™ Bond (depending on type of substrate), is one of the more commonly used in this type of masonry render works.

Prepare the selected Euromix™ Render product and apply over the entire masonry walls to a thickness of 6-8mm - using a trowel and straight edge or English feather to achieve a true and level finish.

Spillage and partially set material should not be re-tempered with water and should be discarded. Tools and equipment should be cleaned with water immediately after use.

Ensure adequate protection from the drying effects of direct sunlight, wind and low humidity or a combination of these elements. Rapid drying of the surface can cause cracking and result in a low strength / friable render. Do not apply Euromix™ Renders when conditions will be above 35°C (especially if windy) or where the temperature is below 5°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 (e.g.; overflowing gutters and down pipes).

In situations where render thicknesses greater than 12mm is needed, Euromix™ recommends the use of Euromix™ Light Weight High Build (LWHB) Render as a base coat.

## 2.5 Finishing Render Coat:

Once the base render coat has dried (at least 24 hours in normal conditions), prepare Euromix™ Render or Euromix™ Cream Render with Euromix™ Bond (1-part Euromix™ Bond to 18 parts water). Alternatively, you can use Euromix™ FP (Full Polymer) Render with no Euromix™ Bond. Apply this to a thickness of 2-3mm using a trowel and finish to a smooth float finish for the application of the Euromix™ Texture coating.

If a sponge finish is required for the project, apply Euromix™ Skim Coat Render with a gauge of 1-part Euromix™ Bond to 18 parts water. Apply this to a thickness of 2-3mm and finish to a smooth float and sponge finish ready for painting.

## 2.6 Texture Coat:

Euromix™ offers four (4) different Texture products for this stage; a fine, medium, coarse and extra coarse. All are designed to provide an attractive sparkle effect appearance. These offer a durable, flexible, water repellent decorative finishing coat with excellent coverage over Euromix™ Renders and other substrates. Please visit our website [www.euromix.com.au](http://www.euromix.com.au) for further information on our Texture coatings.

Before applying the chosen Texture, prime the surface with Euromix™ Acrylic Primer (which should be tinted to match the colour of the Texture). Allow the primer to dry for a minimum of 4 hours before applying the top coat. The Texture should be trowelled onto the render substrate and then finished with a plastic finishing trowel (applying in a circular motion to achieve an even Textured appearance).

## 2.7 Paint Coats

The finished colour of the Texture and the durability of the finish can be enhanced by applying two coats of an elastomeric membrane paint tinted to the desired colour. Allow 24 to 48 hours for the Texture coat to dry prior to the application of a paint coating.

### 3. Product Specific Guidelines:

The preparation and application instructions for each Euromix™ product detailed above can be found in the relevant Product Data Sheet.

### 4. Colours:

Where customers choose to have their Euromix™ Texture tinted, they must specify a 'Standard Colour' from a current colour chart of any major paint manufacturers within Australia.

### 5. Limitations in Use:

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

Euromix™ coatings 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.

Any building movement that results in visible cracking of the building elements (walling, claddings, linings, etc.), will also be sufficient to cause cracking of the decorative finish – this is the case for both potential new and pre-existing building movement cracking.

Decorative render systems such as the Euromix™ Render and Euromix™ Texture coat systems will not hide cracking caused by structural movement, or shrinkage, or expansion of substrates caused by temperature and moisture associated movement.

Euromix™ products must be applied by building contractors and trades people with the appropriate skill, knowledge and experience to carry out the relevant works.

Euromix Pty Ltd will not accept responsibility for misuse of any of its products discussed in this document.

**Euromix™ offers Acrylic Render Systems for all substrates including Fibre-Cement (FC) Blue Board, AAC / Hebel, PVC (Dincel), AFS Ritek, and Polystyrene (EPS).**

**Contact us for more information on a Euromix™ Systems Guide for your next substrate.**

*The information contained in this product guide 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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