



Euromix Patch Coarse is a water based, polymer compound, that is suitable for use as a patching material or thin coat render.

1. Product Summary:

Just one of patching materials marketed by Euroset, Euromix™ Patch Coarse is a pre mixed, acrylic polymer, medium grained paste that is formulated for use as a low build render coat and patching material in both external and internal applications, over most masonry and sheet substrates.

Product Name	Euromix™ Patch Coarse
Code	EMPC
Packaging	5 & 15 litre plastic buckets.
Appearance	In the bucket the material appears as a wet, off white sandy paste. When finished, in most circumstances, it appears as a light beige/grey cement coloured medium textured render.

2. Product Features:

Being water based, Patch Coarse is easy to clean up, while wet.

The workability additives and medium grained fillers used in Patch Coarse mean that it can be applied quickly and is ideal in situations where the edges of the material need to be feathered (as with joint and corner treatments).

Patch Coarse can be floated to achieve a smooth set finish.

3. Typical Uses:

Patch Coarse is used primarily as a thin coat render (up to a maximum of 2mm thickness), bedding or patching material over most masonry and sheet/panel substrates, including; autoclaved aerated concrete blocks / panels (AAC), fibre cement sheeting (FC), plastic polymer linings and expanded polystyrene sheet (EPS) surfaces.

Sometimes also used as a jointing compound for fibre cement (fc) and other sheet materials. The recommended product for this application, however, is Euromix Patch Joint.

Patch Coarse can be applied in both interior & exterior applications (where it should be modified by the addition of 5-10% Portland Cement – by weight).

4. General Performance Guidelines:

All Euromix renders, textures, patching compounds and paints 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 resistance to cracking and chalking
Water	Good water resistance.
Temperature	Suitable for walls exposed to temperatures up to 60C dry.
Abrasion	Good resistance, especially when coated with Euromix® Flex. Not suitable as a coating in high traffic public thoroughfares.

5. Application Guidelines:

Euroset strongly recommends that Euromix™ Patch Coarse be applied by contractors and trades people with the appropriate skill, knowledge and experience 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).

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.

Follow the substrate manufacturer's specifications for the installation of the substrate.

5.2 Application General Guide

It is recommended that the Patch Coarse be thoroughly stirred in the bucket, using a power stirrer, prior to application.

Trowel the Patch Coarse on to the surface of the substrate, to 1 to 2mm thickness and then flatten with a plastic finishing trowel applied in a circular motion, to achieve an even textured appearance.

It is imperative that a 'wet-edge' is maintained while applying the Patch. It is also important to ensure that the material is not over worked as this will likely result in a patchy finish.

Render thicknesses greater than 1 to 2mm can be achieved by applying multiple layers of Patch Coarse, ensuring that sufficient curing time is allowed between coats (generally twenty four (24) hours).

For thicknesses greater than 2mm it may be more effective to use one of the Euromix Acrylic Renders.

Avoid applying Euromix Patch Coarse in windy conditions or in temperatures outside the range 10°C to 30°C.

Euromix™ Patch Coarse



Keep newly coated areas protected from rain and moisture for at least twelve (12) hours, longer in the lower temperature range.

Do not apply if rain or frost is imminent or possible before the product has properly dried.

Rendering over wet or damp substrates will most often result in some form of failure.

Where rain is likely after the application of Euromix Patch Coarse, it is required that the coating be shielded from moisture getting onto the finished surface and into the substrate as well, for at least 24 hours. Exposure to rain is not the only issue, run-off or wind driven moisture can also cause coating failure!

5.3 Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide (at 25°C & 50% RH):

Touch Dry	Thirty (30) - sixty (60) minutes, depending on thickness.
Recoat	Twenty four (24) hours

5.4 Coverage

Allow @ 1 kg / SQM, at a thickness of 1mm, when applied as a topping compound (average coverage per 15 L bucket is 12 to 15 SQM).

Allow 0.25kg per / Lineal Metre when applied as a jointing material (96 lineal meters per 15 Litre bucket).

Coverage is variable, dependent upon type, texture and porosity of the substrate and the application technique.

5.5 Clean Up

Tools should be washed in clean water before the material dries. If spilled, use sand to cover the wet material and then; dispose of in land fill in accordance with the local regulations.

Sensitive areas such as carpets and porous surfaces should be protected against spills and splashes. Clean, with water before product sets.

Do not let material enter drains.

6. Handling, Storage & Transport:

Handling	Euromix® Patch Coarse is supplied in 5 and 15 litre plastic buckets. Recognised local safe lifting methods should be used.
Storage	Store in a cool / dry area protected from excessive heat, frost, moisture and container damage. Do not let product freeze.
Shelf Life	Approximately 6 months in unopened containers.

7. Health & Safety:

For full safety data refer to the products Material Safety Data Sheet. The following information is a guide only:

Precautions in Use	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 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.

8. Limitations in Use:

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

Euromix Patch products 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 render substrate will be sufficient to cause cracking of the Patch coating.

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

Follow the substrate manufacturer's specifications for the management of material and building movement.

Euroset 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.

For further information please contact Euroset, via the contact details listed below;

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