



Euromix™ Bond is a water-based bonding agent, designed to enhance the adhesion and setting characteristics of certain Euromix Renders.

1. Product Summary:

An acrylic polymer resin, which, when added to the mixing water, will improve the adhesion and setting characteristics of Euromix Render, Euromix Skim Coat Render and Euromix Cream Render.

Euromix Bond can also be applied as a bonding coat over most construction substrates.

Product Name	Euromix Bond
Code	BOND
Packaging	120L Drum, 20L cube & 5L jerry can.
Appearance	Before application Euromix Bond appears as a slightly milky liquid. After application, as a coating, Euromix Bond and after drying Euromix Bond finishes to a slightly opaque (off white) smooth but slightly tacky coating.

2. Product Features:

Being water based, Euromix Bond is easy to add to the mixing water for the preparation of render.

The type of, and concentration of, polymers used in the manufacture of Euromix Bond, ensure increased adhesion, flexibility, abrasion and impact resistance for renders when added to the mixing water for render.

3. Typical Uses:

Primary use is as a modifying agent for Euromix Renders, added in the mixing water.



Euromix Bond can also be applied over most building substrates as a non trafficable, sealer/binder.

4. Performance Guidelines:

The following general properties apply to situations where Euromix Bond is used as a sealer binder;

Weather	Excellent resistance to cracking and chalking
Water	Good water resistance.
Temperature	Suitable for walls exposed to temperatures up to 60°C.
Abrasion	Good resistance, especially when coated with Euromix Flex. Not suitable as a coating in high traffic public thoroughfares.

5. Application Guidelines:

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

5.1 Rendering 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 Euromix™ Bond with Euromix Renders

Euromix Render, Skim Render and Cream Render 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 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.

5.3 Bond Ratios

In normal use approximately 4 litres of Euromix Bond / water mix is required for 1 bag (20 Kg) of Euromix Render.

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

For information about the application of Euromix Renders please refer to the relevant product data sheets.

5.4 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.

Do not allow Bond to enter drainage or sewer lines as the material can cause a blockage (use chemical flocculants to eliminate from sewer / drain).

Euromix Bond can be removed from tools and slashes can be removed, when still wet, with water.

Once it has cured as a coating, (typically @ 1 hour) Euromix Bond cannot be easily removed. If cured Bond coats are to be removed then the use of paint strippers and scrapping will be necessary.

Rendering tools should be cleaned with water before the render has cured. Any spillage or splashes of render should be removed immediately as the render is extremely difficult to remove once cured and is likely to stain.

6. Health & Safety:

Euromix Bond is non-toxic; however, Euromix Renders contains cement which is alkaline in nature and silica which is classified as a carcinogen.

Keep exposure to both dry and wet render material as low as practicable. Please refer to the Euromix Render MSDS for further information.

Precautions in Use	The use of gloves, goggles and overalls is recommended when Bond is being used. 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 render powder is inhaled, remove person to fresh air.

7. Limitations in Use:

Euromix Bond and Euromix Renders mixed with it should not be subjected to hydrostatic pressure and rising damp.

Any building movement and/vibration that results in visible cracking of the render substrate will be sufficient to cause cracking and possible delamination of the render.

Euroset will not accept responsibility for misuse of this product.

8.7. Handling, Storage & Transport:

Handling	Euromix Bond is supplied in 5, 20 and 120 Litre plastic containers - recognised local safe lifting methods should be used.
Storage	Store Bond in a cool/dry area, away from excessive heat, frost and moisture.
Shelf Life	Approximately 12 months in unopened containers.

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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