



Euromix™ Extreme Highbuild is an innovative, lightweight, high-build polymer modified levelling compound engineered using 100% recycled eco-aggregates. It is one third the weight per square metre of traditional base coat renders.

1. Product Summary:

Euromix™ Extreme Highbuild Render is designed for use as a base coat with superior coverage and can be built up to 50mm in a single coat. At one third the weight per square metre of traditional base coat renders, it is ideal for all masonry substrates as well as light weight building substrates.

Product Name	Euromix™ Extreme Highbuild.
Code	RENEXHB
Packaging	17Kg paper bags.
Appearance	In the bag Euromix™ Extreme Highbuild is alight grey powder After application and drying Euromix™ Extreme Highbuild Render finishes to a light grey colour with a slightly rough texture.

2. Product Features:

Euromix™ Extreme Highbuild is a premium pre-blended render that requires the addition of water only. Manufactured with 100% recycled aggregate, it provides an environmentally responsible solution without compromising quality. Its lightweight formulation offers excellent workability, while superior shrink resistance helps minimise cracking and ensures a durable finish. Designed for high-build applications, Euromix Extreme Highbuild can be applied at thicknesses of up to 50mm in a single pass, delivering exceptional coverage and productivity. The product also adheres to a wide range of substrates without the need for additional adhesion additives, making it a versatile and efficient choice for both residential and commercial rendering projects.

3. Typical Uses:

Euromix™ Extreme Highbuild is designed for use in application layers in thicknesses of 6mm-50mm on most substrates like; autoclaved aerated concrete blocks / panels (AAC), clay brick and concrete block, fibre cement sheeting (FC), Off-form concrete and expanded polystyrene sheet (EPS) / NRG Green Board surfaces.

Euromix™ LWHB Render can be applied by machine or by hand.

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;

Weather	Excellent weather resistance.
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 Pty Ltd strongly recommends that Euromix™ Extreme Highbuild Render be applied by tradespeople with the appropriate skill, knowledge and experience using acrylic renders, 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%).

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

One bag of Euromix™ Highbuild will yield approximately three 15-litre pails of mixed material. For smaller batches, add approximately 4 litres of clean water to a 15-litre pail, then gradually add one-third of the Euromix™ Highbuild bag while mixing with a suitable power mixing drill until a smooth, lump-free consistency is achieved. To mix a full bag of Euromix™ Highbuild, place approximately 10-12 litres of clean water into a 40-litre mixing container, then slowly add the entire contents of the bag while continuously mixing. Allow the mix to stand for 2-3 minutes before application, then remix briefly if required prior to use.

5.3 Application

Apply Euromix™ Extreme Highbuild using a clean hawk and trowel or suitable mechanical spray pumping equipment.

Place the material at a thickness to fill irregularities and achieve the required wall alignment. Apply Euromix™ Extreme Highbuild in layers of 6mm-50mm thicknesses. It can be levelled using an aluminium straight edge to achieve a flat and even finish. Allow the render to dry before carrying out any subsequent finishing coats.

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

Euromix™ Extreme Highbuild set time will depend on substrate, moisture, applied thicknesses and weather conditions. Allow at least 24-72 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™ Extreme Highbuild Render when temperature will be above 35°C, especially if windy.

Also do not attempt to apply Euromix™ Extreme Highbuild 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*);

Surface dry	Twelve (12) hours (depending on applied thickness).
Recoat with Render	Three (3) days (depending on applied thickness).
Texture & Paint	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 (17Kg) when applied at @ 6mm thickness will cover 5 SMQ, @ 10mm thickness will cover 3 SMQ and @ 20mm thickness will cover 1.5 SQM.

5.6 Clean Up:

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

6. Limitations in Use:

The cured render should not be subjected to hydrostatic pressure, continual or excessive rising damp, movement or vibration.

Any building movement that results in visible cracking of the render substrate will be sufficient to cause cracking of the render. Euromix Pty Ltd will not accept responsibility for misuse of this product.

7. Health & Safety:

Euromix™ Extreme Highbuild Render contains cement which is alkaline in nature and silica which is classified as a carcinogen.

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. Handling, Storage & Transport:

Handling	Euromix™ Extreme Highbuild Render is supplied in 17Kg bags - recognised local safe lifting methods should be used.
Storage	Store in a cool, dry area where it is protected from excessive heat, frost, moisture and potential bag damage.
Shelf Life	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 Pty Ltd via the contact details listed below;

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