

Euroset Euralbi Plus

Euralbi is a pre-packed, quality controlled fine powdered gypsum based plaster, manufactured in Spain and imported exclusively by Euroset Trading for use in Australia and New Zealand.

Euralbi Plus has been designed for use as a 'stand alone' white set or as the base coat in a two component system where Euralbi Fino top coat is used to provide a finer set finish.

Wonder Building Material: Naturally occurring 'plaster' has been an aid in human development over thousands of years, through its use in medicine, agriculture, ceramics, art, cosmetics and construction.

In construction, plaster has found use both as a structural element and for decoration also - in monuments, religious buildings, houses and engineering works dating back thousands of years.

Euralbi, manufactured in Spain, is a factory produced, refined derivative of this naturally occurring building material.

The unique thermal conductivity, permeability, mechanical resistance and hydraulic setting capabilities of natural gypsum have been enhanced by the quarrying of only the best raw materials, the addition of selected minerals and through the quality control achieved in a modern factory.

Euralbi Features

Euralbi Plus offers many advantages over traditional white set plaster;

- Pre mix saves time on site and reduces waste and material loss.
- Dries to a harder finish giving a more durable wall covering.
- Ph and thermal conductivity characteristics are similar to those of the human body, making Euralbi friendly to the touch and an ideal covering for walls in habitable buildings.
- Retains the crystal structure and chemistry of natural plaster, enabling it to replicate plaster's ability to absorb and release airborne moisture as the living environment changes.
- Offers increased thermal resistance characteristics and improves thermal insulation.

Suitable for Most Building Substrates

Euralbi Plus is suitable for internal architectural plastering and patching applications over most substrates including clay and cement bricks / blocks, pre-cast or site poured concrete surfaces, aerated concrete blocks / panels, fibre cement sheets and expanded polystyrene (EPS) surfaces.



Euralbi Summary

Product Description	Euralbi is a pre-packed, quality controlled fine powdered plaster, manufactured in Spain and imported exclusively by Euroset for use in Australia and NZ.
Packaging	Dry packed in 24kg composite paper & plastic bags.
General Use	When mixed with water, Euralbi Plus can be applied by projection machinery or by hand directly onto most walling substrates - at thicknesses from 1 to 40mm in one coating – as a base coat. Where required Euralbi Plus can be built-up to substantial thicknesses to accommodate out of plumb walls and / or the need to create architectural detail.
Appearance	In the bag and before the addition of water appears as an off-white mixture of finely ground plaster like materials. After application and after drying finishes to off white / light grey colour with a smooth set finish.

Euralbi Plus is not recommended for use in external applications. When used as a wall finish in wet areas (bathrooms, laundries, kitchen splash back areas, etc.) or where there is a high concentration of moisture it is critical that Euralbi Plus be painted with suitable water resistant paint.

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Substrate Preparation

Eliminate any possibility of moisture ingress to the finished plaster and the substrate prior to application of the Euralbi Plus (rising damp, continuous exposure to sprayed moisture, etc.).

Euralbi Plus can be applied as a base coat over most surfaces without rendering. It is equally effective as a base coat over most renders. In the case of acrylic renders, like Euromix Render, allow 2 days curing before applying Euralbi Plus. With traditional sand cement renders allow at least 21 days curing time before applying the Plus.

Ensure the surface area to be finished is clean and free of contaminants and adhesive-inhibiting materials such as dust, grease, dirt, fungus, mould releasing agents, excessive water, etc.

Fibre Cement (FC), polystyrene (EPS) and other sheeting substrates should be coated first with Euromix® Render or Patch prior to the application of Euralbi Plus (contact Euroset for instructions on applying render to these surfaces).

Expansion joints and the junctions between different substrates must be expressed – such joints are likely to crack.

Mixing and Application

Euralbi can be effectively applied by machine or by hand, water is automatically mixed as the Euralbi is sprayed onto the wall.

When mixing by hand, Euralbi Plus can be prepared in a bucket by drill, in a conventional cement mixer or by trowel on a table. In all cases clean, uncontaminated water must be used. In all cases clean, uncontaminated water must be used and the plaster must be mixed to an even consistency where all particles are wet but not saturated.

Depending on the conditions mixing will require @ 0.5-0.6 litres of clean water for every 1 kg of Euralbi.



Finishing – Ready for Painting

As the Euralbi is starting to 'firm' on the wall (but while it is still soft) it is run over with a hand held sponge or an electric variable speed disc sponge. This leaves the surface even and ready to be flattened with a stainless steel trowel in the traditional plaster setting manner. Usually the finish aimed for with the steel trowel is a flat and level surface, ready for the application of Euralbi Fino.

Refer to the Euralbi Fino PDS and for a guide to achieving a mirror or polished finish.

Like all traditional set plaster finishes, Euralbi (Plus and Fino) should be sealed with only an oil based, binding sealer, like Euromix® Solvent Based Sealer Primer, before painting or finishing with other architectural finishes. Remove any dust from the surface of the Euralbi before applying the binding sealer, usually only one coat of binding sealer is required to prepare the plaster for further painting.

Wash Up

All tools are cleaned with water. It is most important that if machinery is used to apply Euralbi that it is washed and cleaned immediately upon finishing the application and that all machinery and hoses are kept free from any contamination.

Drying Times

Drying and curing of the product is affected by type, dryness and porosity of the substrate, temperature, humidity, ventilation, climatic conditions and application technique and therefore drying and curing times given below are a guide (at 25°C & 50% RH). Touch dry: Thirty (30) to sixty (60) minutes. Recoat: 24 hours.

Some Properties

Surface Hardness	70 / 75 units Shore-c
Thermal Conductivity	0.19 Kcal/h m °C (at 20°C) (at 11mm thickness)
Density	1.24 kg/m ³ (1m ³ = 1,240 kg)
Particle Size	0 – 1mm
Resistance to bending	15-29 Kg/cm ²
Resistance to compression	60-65 Kg/cm ²
Acoustic Isolation	58 dB (@ 11mm thickness and 600 Hz)
Coverage	1.2 to 1.5 sqm/kg (@1mm) (30 – 40 sqm/bag).
Shelf life	18 months when properly stored.

The information contained in this summary is typical and does not constitute a full specification, as conditions and specific requirements will vary from project to project.