

EWI-060 MINERAL RENDER

This product is a cement-based render, perfect for external plastering works. Mineral Render is based on Portland cement, texturing aggregate, mineral fillers and hydrated lime.

Once the mass is set firm and hard, it has excellent water and frost resistance. It is highly breathable, adhesive, elastic and durable.

Mineral Render also offers colour stability and is resistant to weather conditions and other contaminants. Suitable to use in mid-winter application and in mild climates.



Intended Uses.

Mineral Render should be installed on top of the reinforced basecoat layer (typically EWI-220 EPS Basecoat or EWI-225 Premium Adhesive with embedded Fibreglass Mesh) to ensure the system is durable and will withstand cracking during any movements within the underlying substrate.

Mineral Render can be used as a stand-alone 'render only' finish or in the EWI Pro External Wall Insulation Systems. Mineral Render is a decorative render, available in 1mm, 1.5mm, 2mm & 3mm grain size. It can be applied by hand or mechanically sprayed.

Technical Specification

Composition

Mineral binding agents, mineral fillers, modifying additives

Granulation

1.5mm

Bulk Density

approx 1.40 g/cm³

Adhesion to concrete (air-dry)

≥ 0.3 MPa

Adhesion to polystyrene

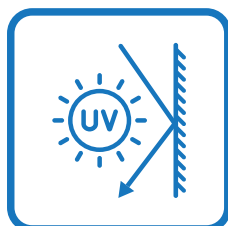
≥ 0.08 MPa
(rupture in thermal insulation material)

Soluble chromium (VI) concentration

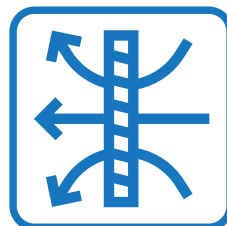
≤ 0.0002%



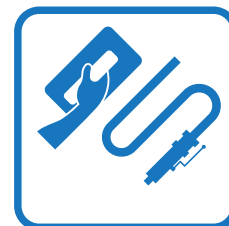
FAST DRYING



UV RESISTANT



BREATHABLE



SPRAY/HAND APPLIED

Directions for use.

Substrate Preparation

Before applying the render, the basecoat layer needs to be primed using EW1-330 Mineral / Acrylic Primer. This can be applied to the substrate using a brush, a roller or a spray machine.

Product Preparation

Pour the dry mix into water maintaining the proportion of 6.5 litres of water per 25kg of dry mix; then mix thoroughly with a mixer to produce a consistent texture. Leave for 5 minutes and then mix again before the product is ready for application.

Application

Apply the render using a stainless-steel trowel to the substrate surface. Apply the render continually to one surface before moving on to the next. The optimal thickness of the render is equal to the grain size and is achieved by removing any excess product from the substrate. Works must be protected from rain, snow, strong winds and direct sunlight.

The average drying time for Mineral Render is 12 hours depending on weather conditions. The drying period may be significantly longer in low temperatures and high relative humidity.

Clean-up

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Compliance with Standards

PN-C-81913:1998 Dispersion paints for facade painting. European Technical Approvals ETA – 15/0576 and ETA – 15/0575
BBA Approval Inspection Testing Certificate 18/5503

Storage

12 months when stored unopened in a dry environment above 5°C

Packaging

25kg Bag

Safety Measures

Wear protective goggles, gloves, respiratory equipment and protective clothing when mixing and using this product. Avoid contact with the eyes. In the event of eye contact, wash the affected area with plenty of cold water as soon as possible and seek medical attention. Do not ingest. Keep out of reach of children. Refer to material safety sheet for further information regarding first aid and protection recommendations. Contact with wet cement may cause irritation, dermatitis or burns. For further details, refer to our Health & Safety Data Sheets

Application Conditions

Substrate primer

EW1-330 Mineral/ Acrylic Primer

Application and setting temperature

5°C to 25°C

Water mix proportions

approx. 6.5 l of water per 25 kg of dry mix

Time to use after mixing with water

about 2 hours (temperature +20°C and air humidity approx. 60%)

Quantity to be used

2.4kg / m² for 1.5mm render

Drying Time

approx. 12 hours