

EWI-060

MINERAL RENDER

PRODUCT DATA SHEET

EWI-060 Mineral Render is a cement-based, thin-layer decorative topcoat designed for external applications where a breathable, durable mineral finish is required. It offers good adhesion, strong weather resistance and a traditional mineral appearance, making it a reliable choice for façades within both new-build and refurbishment projects.

Intended Uses

EWI-060 Mineral Render is intended for use as a thin-layer external decorative finish over suitable prepared reinforced basecoat layers. It can be used within render-only and EWI systems where a mineral finish is required. Once cured, it should be finished with a suitable façade paint to provide the final decorative colour and help protect the surface.



Technical Specification

Composition

White Portland cement, lime, additives, mineral fillers, texturing aggregate

Quantity Per Unit

25 kg

Colour & Texture

White, Dashed

Grain Size

1.5mm

Consumption

Approx. 2.5kg/m²

Water Mix Proportions

Approx. 7 litres of clean water per 25kg bag

Working Time

Approx. 10 minutes

Curing Time

Approx. 24-48 hours

Reaction to Fire

A1

Vapour Permeability (sd Value)

≤ 0.26m

Soluble Chromium VI Content

≤ 0.0002%

Please note: These figures may vary based on the substrate and application method.

Please see the reverse of this page for directions for use.

Directions for use

Substrate Preparation

Substrates must be load-bearing, compact, stable, even and clean. The surface must be free from dust, grease, anti-adhesive solutions, paint residues, mould, algae, moss, cracks and saline efflorescence.

Before applying the render, the substrate should be primed with a suitable primer. Very absorbent substrates should be primed first to regulate suction. Reinforced layers, cement-lime plaster, gypsum plaster, concrete, reinforced concrete and plasterboard substrates should be prepared and primed according to substrate type.

Product Preparation

Gradually add the dry mix to approximately 7 litres of clean, cool water per 25kg bag and mix by hand or with a low-speed mixer until a smooth, homogeneous and lump-free consistency is achieved. Leave the material to mature for 5 minutes, then remix before application.

Use the same water dosage for each mix to help maintain a consistent finish. Do not add extra water to material that has started to set, and do not remix hardened material.

Application

Apply EWI-060 Mineral Render to the prepared substrate using a stainless-steel trowel to a thickness equal to the grain size, then remove the excess with the same trowel. Finish with a plastic float to achieve the required dashed texture.

Work continuously across the elevation using a wet-on-wet method to help avoid visible joints. One elevation should be completed using material from the same production batch where possible.

For mechanical application, apply the render onto the prepared substrate using a suitable spray unit or gun until the surface is evenly covered. The application method, whether in strips or circular movements, will depend on the type of equipment being used.

After drying, coat the render with a suitable façade paint in the required colour.

Application Conditions

Apply at temperatures between +5°C and +25°C. These temperatures apply to the air, substrate and product.

During application and drying, protect the surface from frost, rain, excessive heat and strong winds. The use of scaffold sheeting or other suitable protection is recommended.

Drying time is approximately 24–48 hours, depending on site conditions. Drying time before painting may vary depending on the selected paint system, weather conditions, colour choice and render thickness.

Clean-up

Clean tools and equipment with water immediately after use. Once hardened, the material can only be removed mechanically.

Packaging & Storage

EWI-060 Mineral Render is supplied in 25kg bags, with 48 bags per pallet.

Store in dry conditions, protected from moisture, in the original unopened packaging. Shelf life is up to 12 months from the date of manufacture when stored correctly.

Compliance with Standards

N/A

Safety Measures

Wear appropriate PPE, including gloves, eye protection, a suitable mask and protective clothing. Wet mortar can irritate or burn skin and eyes.

Remove contaminated clothing immediately, wash skin thoroughly with water and rinse eyes cautiously if contact occurs. For full details, refer to the product Safety Data Sheet.

General Information

This data sheet replaces all previous editions. The information provided is based on current knowledge and practical experience, and while it has been compiled with care, it is not guaranteed to be accurate, complete or suitable for all applications. It is the responsibility of the user to verify the product's suitability for their specific use case. No legal obligations are established by this document.

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