EWIPRO Render Systems

EWI-096

BRICK EFFECT RENDER

PRODUCT DATA SHEET



EWI-096 Brick Effect Render is a cement-based, polymer-modified decorative coloured render designed to create a realistic brick-effect finish. The system uses two contrasting coloured layers applied wet-on-wet, with the face coat cut back to reveal the mortar-coloured layer beneath and form defined brick joints. It provides a durable, weather-resistant decorative finish for external wall insulation and render systems where the appearance of traditional brickwork is required.

Intended Uses

EWI-096 Brick Effect Render is intended for use as a decorative finish within suitable external wall insulation and render systems. It is particularly suited to façades and feature areas where a brick-effect appearance is required without the use of traditional brickwork. The finish is created using a two-layer wet-on-wet application comprising a mortar-coloured base layer and a contrasting face coat, which is cut back to form the brick joint pattern.

Technical Specification

Composition	Cement, quartz aggregate, performance-enhancing additives, polymers and pigments
Quantity Per Unit	25kg
Consumption	Approx. 1.5kg/m²/mm
Mortar Coat Thickness	Approx. 6mm
Face Coat Thickness	Approx. 3mm
Total Recommended Build-Up	Approx. 9mm
Coverage Rate - Mortar Coat	Approx. 2.7m² per 25kg bag at 6mm
Coverage Rate - Face Coat	Approx. 5.5m² per 25kg bag at 3mm
Water Mix Proportions	Approx. 6.6 litres of clean water per 25kg bag
Application Temperature	+5°C to +25°C
Setting Time	Approx. 24 hours
Adhesion	≥ 0.3MPa
Mortar Class	CS II
Reaction to Fire	Class A1

Please note: Thickness, consumption, coverage and time figures are indicative only and may vary depending on the substrate, application method and site conditions.

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

Directions for use

Substrate Preparation

The substrate must be sound, stable, clean and appropriately prepared before application. Remove dust, loose material, biological growth and any other contaminants that may affect adhesion, and repair significant defects before work begins. Junctions between different substrate types, service chases and other areas susceptible to cracking should be appropriately reinforced.

When used within an external wall insulation system, the insulation should be securely fixed and the reinforced basecoat layer fully cured before application. Where required, use a suitable primer according to the substrate type, condition and absorbency.

Product Preparation

Gradually add the dry mix to approximately 6.6 litres of clean, cool water per 25kg bag and mix manually or using a low-speed mixer until a smooth, homogeneous and lump-free consistency is achieved. Allow the material to stand for approximately 3–5 minutes, then remix thoroughly before application. The water quantity may be adjusted slightly where necessary to achieve the required working consistency. Do not remix hardened material or combine it with freshly mixed product.

Application

Apply the mortar-coloured first coat evenly to the prepared substrate at approximately 6mm thickness to create a uniform background for the face coat.

While the first coat remains wet, apply the contrasting brick-coloured face coat at approximately 3mm thickness using the wet-on-wet method.

Using suitable brick-effect templates and cutting tools, cut through the face coat to expose the mortar-coloured layer beneath and form the required brick joint pattern.

Work continuously across each elevation to maintain a consistent finish and minimise visible joints. Protect freshly applied material during curing and allow the finished system to harden fully before exposure to adverse weather conditions.

Application Conditions

Apply when the air, substrate and product temperatures are between +5°C and +25°C. The substrate must have completed the necessary settlement, shrinkage and drying period before application begins.

During application and curing, protect the surface from rain, frost, direct sunlight, strong winds and draughts that may cause rapid drying. Unset material is not frost-resistant.

Clean-up

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

Packaging & Storage

EWI-096 Brick Effect Render is supplied in 25kg bags. Store unopened in the original packaging in dry conditions and protect from moisture. Shelf life is up to 18 months from the date of manufacture when stored correctly.

Compliance with Standards

EWI-096 Brick Effect Render conforms to EN 998-1 and is classified as Mortar Class CS II and Reaction to Fire Class A1.

Safety Measures

Wear suitable protective gloves, eye protection and protective clothing during preparation and application. Avoid contact with the skin and eyes. In the event of eye contact, rinse immediately with plenty of clean water and seek medical advice where necessary. Refer to the relevant Safety Data Sheet for full handling, first aid and disposal information.

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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