

EWI-096

# BRICK EFFECT RENDER

## PRODUCT DATA SHEET

EWI-096 Brick Effect Render is a cement-based, polymer-modified, decorative coloured render designed to achieve a brick-effect finish by applying two coloured layers of render using a wet-on-wet method, then cutting back the top layer to reveal the layer beneath and create realistic brick joints. The formula uses silicone hydrophobic technology, which provides weather resistance and breathability once installed as part of an EWI Pro system. It is intended for projects requiring a durable, water-resistant render that imitates brick and is commonly used on residential and commercial buildings.

### Intended Uses

EWI-096 Brick Effect Render is commonly used on external wall insulation systems for residential and commercial buildings. Intended for projects requiring a durable, water-resistant render that imitates brick. Suitable for use on feature areas where a decorative brick-effect finish is required. Designed for application as part of the EWI Pro external wall insulation system to create a realistic brick appearance by forming contrasting brick joints through a layered wet-on-wet method.



### Technical Specification

#### Composition

Cement, quartz aggregate, performance-enhancing additives, polymers, pigments.

#### Quantity Per Unit

25 kg

#### Consumption

Approx. 1.5 kg/m<sup>2</sup>/mm

#### Adhesion

≥ 0.3 MPa

#### Reaction to Fire

A1

#### Mortar Class

CS II

#### Application and Setting Temperature

Apply between 5°C and 25°C

#### Water Mix Proportions

Approximately 6.6 litres of clean water per 25kg bag

#### Layer Thickness

3-8mm

#### Setting Time

Approx. 24 hours

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 clean, sound and properly prepared before application. Remove any signs of biological growth, fill large voids, and reinforce junctions between different substrate types, service chases and other areas at risk of cracking with fibreglass mesh. When used on an external wall insulation system, the insulation boards must be securely fixed in accordance with the EWI system installation method, and a reinforced basecoat layer using EWI-225 Premium Basecoat with fibreglass mesh must always be applied before EWI-096 Brick Effect Render. Protect any areas not intended to be covered with render. Prime low-suction or previously painted substrates with EWI-310 Universal Primer, and prime higher-suction substrates with EWI-301 Water Based Substrate Primer or EWI-302 Deep Penetrating Primer as appropriate.

## Product Preparation

Use 6.6 litres of clean, cool water per 25kg bag. Gradually pour the dry mix into the water, mixing by hand or mechanically using a slow-speed mixer until a homogeneous, lump-free consistency is obtained. Leave to stand for 3–5 minutes to mature, then mix again thoroughly. If necessary, depending on conditions, the amount of water can be adjusted slightly. Do not re-mix hardened material with water or combine it with fresh material.

## Application

**Mortar Coat:** Apply the first coloured render to the prepared basecoat at a nominal thickness of 6–8 mm. Ensure an even bed for the subsequent finish layer.

**Face Coat:** Apply the second “brick” coloured coat at a thickness of 3–5 mm using the “wet-on-wet” method.

**Brick Effect Cut Back:** Using appropriate templates and cutting tools, cut through the top coat to reveal the mortar layer below and create the brick joint pattern.

Work continuously to maintain a uniform finish and prevent cold joints. Protect the wet render from rain, frost, strong winds and rapid drying until sufficiently cured. Allow the system to cure fully before subjecting to severe weather conditions.

## Application Conditions

Apply only when air, substrate and product temperatures are between +5°C and +25°C. Application should begin only after the substrate has gone through the necessary period of settlement, shrinkage and drying. During application and drying, the surface should be protected from draughts and conditions that could cause overly rapid drying, using suitable façade protection where required. Unset material is not frost-resistant.

## Clean-up

Tools and equipment should be cleaned with water while the material is still fresh.

## Packaging & Storage

EWI-096 Brick Effect Render is supplied in bags, with a pack size of 25kg. The product should be stored in dry conditions and in undamaged packaging for up to 18 months from the production date.

## Compliance with Standards

EWI-096 Brick Effect Render is stated as compliant with EN 998-1. The declared technical performance includes a strength category of CS II, adhesion of at least 0.3 MPa and a reaction to fire classification of A1.

## Safety Measures

Avoid contact with skin and protect the eyes during mixing and application. In the event of eye contact, rinse immediately with plenty of clean water and consult a doctor. The use of gloves, safety goggles and protective clothing is recommended. For full handling and safety information, refer to the relevant 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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### Address:

Unit 1-2 King George's Trading Estate,  
Davis Road,  
Chessington,  
England,  
KT9 1TT

### Email:

info@ewipro.com

### Phone:

0800 133 7072



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www.ewipro.com