EWIPRO Render Systems

EWI-050

MOSAIC RENDER

PRODUCT DATA SHEET

EWI-050 Mosaic Render is a ready-to-use decorative render formulated with coloured quartz aggregate held within a transparent acrylic polymer binder. It provides a durable, decorative finish with good resistance to mechanical damage and soiling, making it particularly suitable for exposed areas of a façade.



Intended Uses

EWI-050 Mosaic Render is intended for internal and external use as a thin-layer decorative finish over suitably prepared substrates. It is particularly suited to areas exposed to increased soiling or mechanical wear, including lower façade and plinth areas.

Technical Specification

Composition	Water dispersion of acrylic polymer binder with dyed quartz aggregate
Quantity Per Unit	25kg
Grain Size	1.8mm
Consumption	Approx. 4.7kg/m²
Application Thickness	Apply at the selected grain size
Recommended Thickness	Apply at the selected grain size
Coverage Rate	Approx. 5.3m² per 25kg tub
Dry Bulk Density	Approx. 3.3g/cm³

Thermal Conductivity	0.83W/m·K
Application Temperature	+5°C to +25°C
Drying Time	Approx. 12–48 hours
Water Vapour Permeability	Class V2
Water Absorption	Class W3
Adhesion to Substrate	≥ 0.3MPa
Reaction to Fire – Mineral Wool System	Class E
Reaction to Fire – EPS System	Class E

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, dry and free from dust, dirt, loose material and other contaminants that may affect adhesion. Where required, use a suitable primer according to the substrate type, condition and absorbency.

Product Preparation

EWI-050 Mosaic Render is supplied ready to use and should not be diluted with water or mixed with other products. Before application, mix thoroughly to achieve an even consistency.

Application

Apply EWI-050 evenly using a stainless steel trowel and remove excess material until the applied thickness corresponds to the 1.8mm grain size.

Work continuously across each surface where possible and avoid allowing individual sections to dry before adjoining areas are completed.

Protect freshly applied render from rain, frost, strong winds, direct sunlight and other conditions that may affect curing or the finished appearance.

Application Conditions

Apply between +5°C and +25°C. Drying time is typically 12–48 hours but may be longer in low temperatures, high humidity or unfavourable site conditions.

Clean-up

Clean tools and equipment with clean water immediately after use. Do not allow material to dry onto tools and do not dispose of waste material into drainage systems.

Packaging & Storage

Supplied in 25kg tubs. Store unopened in a dry environment at temperatures above +5°C and protect from frost and extreme temperatures. Shelf life is up to 12 months from the date of manufacture when stored correctly.

Compliance with Standards

PN-C-81913:1998.
ETA 15/0576 and ETA 15/0575.
BBA Approval Inspection Testing Certificate 18/5503.

Safety Measures

Wear suitable protective gloves, protective clothing and eye protection during 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.

Data Sheet Revision Date: 28/10/2026

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