EWIPRO Render Systems

EWI-051

RESIN BOUND MOSAIC RENDER

PRODUCT DATA SHEET

EWI-051 Resin Bound 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 wear and soiling, making it particularly suitable for exposed areas of a façade.



Intended Uses

EWI-051 Resin Bound Mosaic Render is intended for internal and external use as a thin-layer decorative finish over suitably prepared substrates. It is particularly suited to lower façade, plinth and other areas exposed to increased soiling or mechanical wear.

Technical Specification

Composition	
Water dispersion of acrylic polymer binder with dyed quartz aggregate	
Quantity Per Unit	
3.6kg & 14.3kg	
Grain Size	
0.5mm	
Consumption	
Approx. 2.5kg/m²	
Application Thickness	
Apply at the selected grain size	
Recommended Thickness	
Apply at the selected grain size	
Coverage Rate	
3.6kg tub: approx. 1.4m², **14.3kg tub:** approx. 5.7m²	

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	
Relative Diffusion Resistance	
≤ 0.13m	
Water Absorption	
≤ 360g/m²	

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-051 Resin Bound Mosaic Render should be thoroughly mixed before application to ensure the coloured quartz aggregate is evenly distributed throughout the acrylic binder and a uniform working consistency is achieved.

Do not dilute with water or mix with other materials.

Application

Apply EWI-051 evenly using a stainless steel trowel and remove excess material until an even layer corresponding to the grain size is achieved.

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

Available in:
3L tub – 3.6kg
10L tub – 14.3kg

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 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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