

EWI-051

RESIN BOUND MOSAIC RENDER

PRODUCT DATA SHEET

Resin Bound Mosaic Render is a highly durable render, which makes it ideal for exposed surfaces prone to damage and soiling (for example the DPC area).

Resin Bound Mosaic Render is a ready to use decorative render. It is made up coloured quartz aggregate, held within a transparent acrylic resin binder. Another key advantage of Mosaic Render is how easy it is to maintain. The finished render façade can be scrubbed and cleaned without discolouration or loss of mechanical durability. It is available with a quartz aggregate grain size of 0.5mm.

Intended Uses

Intended to be used indoors or outdoors as a thin-layer render coat. Ideal for applying below the DPC or to areas that are highly susceptible to soiling. Once dry, Resin Bound Mosaic Render creates an elastic layer over the substrates, with good mechanical resistance and permanent colour properties.

Coverage Rate

Texture	Indicative quantity to be used per 1m ² with grain size distribution
Grain Size	0.5mm

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



Technical Specification

Composition

Water dispersion of acrylic polymer binder with dyed quartz aggregate.

Granulation

0.5mm

Thermal Conductivity

0.83W/m*K

Bulk Density

approx. 3.3 g/cm³

Relative diffusion resistance

≤ 0.13 m

Water absorption after 10 hours

≤ 360 g/m²

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

Directions for use

Substrate Preparation

Before applying the render, the basecoat layer needs to be primed using EWI-333 Top Coat Primer. This can be applied to the substrate using a brush, a roller or a spray machine.

Product Preparation

Resin Bound Mosaic Render comes as a through-coloured, ready-to-use product. The render should not be thinned with water or any other products.

Application

Apply the render using a stainless-steel trowel to the substrate surface. Apply the render continually to one surface before moving on to the next. The optimal thickness of the render is equal to the grain size and is achieved by removing any excess product from the substrate. Works must be protected from rain, snow, strong winds and direct sunlight.

The average drying time for Mosaic Render is 12-48 hours depending on weather conditions. The drying period may be significantly longer in low temperatures and high relative humidity.

Clean-up

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Compliance with Standards

PN-C-81913:1998 Dispersion paints for facade painting. European Technical Approvals ETA – 15/0576 and ETA – 15/0575
BBA Approval Inspection Testing Certificate 18/5503

Storage

12 months when stored unopened in a dry environment above 5°C

Packaging

3.6kg and 14.3kg Buckets

Safety Measures

Wear protective goggles, gloves, respiratory equipment and protective clothing when mixing and using this product. Avoid contact with the eyes. In the event of eye contact, wash the affected area with plenty of cold water as soon as possible and seek medical attention. Do not ingest. Keep out of reach of children. Refer to material safety sheet for further information regarding first aid and protection recommendations. Contact with wet cement may cause irritation, dermatitis or burns. For further details, refer to our Health & Safety Data Sheets.

Application Conditions

Substrate primer

EWI-333 Top Coat Primer

Application and setting temperature

5°C to 25°C

Maximum Layer Thickness

1-3mm

Drying Time

12-48 hours



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