



# EWI-050 Mosaic Render

Mosaic Render is a highly durable render, which makes it ideal for exposed surfaces prone to damage and soiling (for example the DPC area). EWI-050 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 in white, black or grey – with a quartz aggregate grain size of 1.8mm.

## 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, Mosaic Render creates an elastic layer over the substrates, with good mechanical resistance and permanent colour properties.



## Technical Specification

### Composition

water dispersion of acrylic polymer binder with dyed quartz aggregate.

### Bulk density

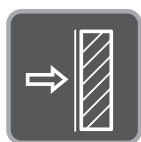
approx.3.3 g/cm<sup>3</sup>

### Adhesion to substrate

≥ 0.3 MPa

### Thermal conductivity

0.83W/m\*K



GOOD  
ADHESION



WATER  
RESISTANT



FROST  
RESISTANT



HIGH  
ELASTICITY

# Directions for use.

## Substrate Preparation

Before applying the render, the basecoat layer needs to be primed using EWI-330 Acrylic Primer. This can be applied to the substrate using a brush, a roller or a spray machine. All substrates must be load-bearing, tight, stable, even and clean. The substrate must be cleared from dust, grease, anti-adhesive solutions, paint residue, mould, algae, moss, etc., and must be free from cracks and saline efflorescence.

## Product Preparation

Mosaic Render comes as a ready-to-use product. The render should not be thinned with water or any other products. To ensure that the pigments are fully distributed, stir the render within its container before use.

## 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.

## Application Conditions

### Substrate primers

EWI-330 Acrylic Primer

### Application and setting temperature

(air, substrate, materials):

from +5°C to +25°C

### Grain size distribution

1.8mm

### Colours

grey, black, white

## Packaging

25 kg plastic containers.

## Storage

Shelf life: up to 12 months from the date of manufacture. Keep dry and in the original undamaged packaging.

## Safety Measures

Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash with water. Wear suitable protective gloves and clothing.

## Clean-up

Wash tools immediately with clean water.