

EWI-010

Acrylic Render



Acrylic Render is the best value render in the EWI Pro system range. The render will form a long lasting, aesthetically-pleasing protective barrier on the external surface of any building.

Acrylic render is flexible and highly resistant to mechanical impact. It is also particularly good at holding vibrant colours, and can be mixed to almost any shade.

This decorative render is ideal for external rendering works and once it has set firm, has excellent water and frost resistance.

Intended Uses.

Acrylic render should be installed on top of the reinforced basecoat layer (typically EWI-220 Basecoat Adhesive or EWI-225 Premium Adhesive with embedded EWI-66640 Fibreglass Mesh) to ensure the system is durable and will withstand cracking during any movements within the underlying substrate. Acrylic render can be used as a stand-alone 'render only' finish or in the EWI Pro EPS External Wall Insulation System.

Acrylic Render is a decorative render, available in 1mm, 1.5mm, 2mm & 3mm grain size. It can be applied by hand or mechanically sprayed.

Technical Specification

Composition

acrylic polymer, fillers, modifying supplements, pigments

Relative diffusion resistance

(non-trowelled 3 mm thick layer): $\leq 0.13m$

Bulk density

approx. 1.90 g/cm^3

Water absorption after 10 hours

$\leq 360 \text{ g/m}^2$

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



WATER
RESISTANT



FROST
RESISTANT



GOOD ADHESION



HIGH
ELASTICITY



Directions for use.

Substrate Preparation

Before applying the render, the basecoat layer needs to be primed using EWI-330 Mineral / Acrylic Primer. This can be applied to the substrate using a brush, a roller or a spray machine.

Product Preparation

Acrylic render comes as a through-coloured, ready-to-use product. In order to create coloured acrylic render, EWI Pro add pigments to the render buckets prior to delivery. Always check that the colour matches the order. 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. The optimal thickness of the render is equal to the grain size and is achieved by removing any excess product from the substrate. To ensure an even textured finish, immediately rub up the surface of the render using circular motions with a plastic render float. All pigments are added using a highly calibrated mixing machine, however minor discrepancies may occur between batches. As a result, for each elevation, we recommend using a large primary container which can hold multiple buckets of coloured render. This should be continually topped up and remixed using a paddle mix throughout render application. Works must be protected from rain, snow, strong winds and direct sunlight.

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

Quantity to be used

Texture	Indicative quantity to be used per 1m² with grain size distribution				
Grain size	1.0mm	1.5mm	2.0mm	3.0mm	
kg/m² coverage	2.1 kg	2.4 kg	3.5 kg	5.0 kg	

Application Conditions

Substrate primers

EWI-330 Mineral/ Acrylic Primer

Application and setting temperature (air, substrate, materials):

from +5°C to +25°C

Grain size distribution:

1.0, 1.5, 2.0 and 3.0mm

Colours

a range of 380 colours

Packaging

25 kg plastic containers.

Storage


Shelf life: up to 12 months from the date of manufacture. Keep dry and in the original packaging at a temperature of +5°C to +25°C.

Clean-up

Wash tools immediately with clean water.

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.



Over
300 colours
available!