EWIPRO Render Systems

EWI-310

UNIVERSAL PRIMER

PRODUCT DATA SHEET



EWI-310 Universal Primer is a ready-to-use substrate primer designed to improve adhesion before the application of cement-based adhesives, plasters and basecoats. Its quartz aggregate creates a textured mechanical key, while the acrylic polymer formulation helps regulate substrate absorbency.

The red pigment makes application easy to monitor, helping to achieve consistent and even coverage across the prepared surface.

Intended Uses

EWI-310 Universal Primer is intended for preparing smooth or low-absorbency substrates such as concrete, brickwork and existing renders before the application of compatible plasters, basecoats and adhesives.

It may also be used as a contact primer on smooth or low-absorbency backgrounds and for final surface preparation before compatible gypsum and cement-lime plasters.

Technical Specification

Composition	Water-based acrylic polymer dispersion with quartz aggregate, pigments and additives
Quantity Per Unit	20kg
Colour	Red
Consumption	Approx. 0.30kg/m²
Coverage Rate	Approx. 67m² per 20kg tub
Application Thickness	<0.2mm

pH	Approx. 7
Application Temperature	+5°C to +25°C
Drying Time	Approx. 12 hours
Curing Time	Approx. 24 hours
Time Before Plasters, Basecoats or Adhesives	Minimum 24 hours

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, dry and stable, and free from dust, oil, grease, loose coatings, biological growth and other contaminants that may affect adhesion. Repair cracks, cavities or uneven areas using a suitable compatible repair material and allow all repairs to dry fully before priming.

Highly absorbent substrates should be treated with a suitable primer according to the substrate type, condition and absorbency before application of EWI-310.

Product Preparation

EWI-310 Universal Primer is supplied ready to use. Stir thoroughly before application. Do not dilute with water or mix with other substances.

Due to the quartz aggregate content, stir periodically during application to maintain an even consistency.

Application

Apply EWI-310 evenly using a roller, brush or suitable spray equipment. The quartz aggregate forms a textured surface that helps improve the bond of the subsequent layer.

On weak or highly absorbent substrates, an additional coat may be required after the first coat has dried. Allow approximately 12 hours for drying and a minimum of 24 hours before applying plasters, basecoats or adhesives.

Application Conditions

Apply when the air and substrate temperatures are between +5°C and +25°C. Avoid application during rain, frost, strong winds or direct sunlight.

Protect freshly applied primer from adverse weather until fully dry. High humidity and low temperatures may increase drying times.

Clean-up

Clean tools and equipment with clean water immediately after use. Once dried, the material can only be removed mechanically.

Packaging & Storage

EWI-310 Universal Primer is supplied in 20kg tubs. Store unopened in the original packaging in a dry, frost-free environment between +5°C and +25°C. Protect from direct sunlight and heat sources. Shelf life is up to 12 months from the production date when stored correctly.

Compliance with Standards

TBC

Safety Measures

Wear suitable gloves, eye protection and protective clothing 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 if irritation persists.

Refer to the latest 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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