EWIPRO Render Systems

EWI-303

GEL PRIMER

PRODUCT DATA SHEET



EWI-303 Gel Primer is a ready-to-use, non-drip, deep-penetrating primer formulated with polymers and additives to help strengthen absorbent substrates and improve adhesion for subsequent finishes.

Its gel consistency helps minimise drips and splashes during application, while its relatively short drying time allows further works such as paints, plasters, basecoats, tile adhesives and other compatible finishes to proceed efficiently.

Intended Uses

EWI-303 Gel Primer is intended for use on absorbent mineral substrates including concrete, reinforced concrete, masonry, brickwork, ceramic blocks, concrete masonry units, cement-lime plasters, gypsum and anhydrite plasters, gypsum plasterboard, screeds and autoclaved aerated concrete.

It may be used before compatible dispersion paints, gypsum, lime, lime-cement and polymer finishes, ceramic tiling, wallpapers and other coatings where controlled absorbency and reliable adhesion are required. Highly absorbent substrates such as aerated concrete may require two applications.

Technical Specification

Composition
Polymers and additives
Quantity Per Unit
5L
Consumption
≥ 0.05L/m²
Coverage Rate
Up to approx. 100m² per 5L jerrycan
Colour
Colourless when dry
pH
Approx. 7

Application Temperature
+3°C to +35°C
Drying Time
Approx. 2 hours at +20°C
Indicative Overcoating Time – Tile Adhesives
Approx. 15 minutes
Indicative Overcoating Time – Mortars, Grouts & Screeds
Approx. 30 minutes
Indicative Overcoating Time – Paints
Approx. 60 minutes

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 load-bearing, sound and clean, and free from dust, oils, grease, release agents, loose coatings and other contaminants that may affect adhesion. Remove weak or poorly adhering layers and repair cracks or surface defects using a suitable compatible repair material.

Remove biological growth and other contaminants using a suitable cleaning method before priming. Any repaired areas must be fully dry and sound before application.

Product Preparation

EWI-303 Gel Primer is supplied ready to use. Stir thoroughly before application. Do not dilute with water or mix with other materials.

Application

Apply EWI-303 evenly using a roller, brush or suitable spray equipment, taking care to avoid excessive application.

Under typical conditions at +20°C, subsequent tile adhesives may be applied after approximately 15 minutes, masonry mortars, grouts and screeds after approximately 30 minutes, and paints after approximately 60 minutes. Overall drying time is approximately 2 hours.

Typical consumption is at least 0.05L/m² and will vary according to substrate absorbency. Highly absorbent substrates may require an additional application.

Application Conditions

Apply when the air, substrate and product temperatures are between +3°C and +35°C.

During application and drying, protect the treated surface from frost, rain, excessive heat and strong winds.

Clean-up

Clean tools and equipment with clean water immediately after use. Do not allow material to dry on tools and do not dispose of waste into drainage systems.

Packaging & Storage

EWI-303 Gel Primer is supplied in 5L jerrycans. Store unopened in the original packaging in dry conditions at temperatures between +5°C and +25°C and protect from frost. Shelf life is up to 24 months from the date of manufacture 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 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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