EWIPRO Render Systems

EWI-301

WATER BASED SUBSTRATE PRIMER

PRODUCT DATA SHEET



EWI-301 Water Based Substrate Primer is a ready-to-use acrylic primer designed to prepare absorbent mineral substrates before the application of renders, paints, adhesives and other compatible finishes. It helps regulate substrate absorbency, strengthens dusty backgrounds and supports improved adhesion of subsequent coatings.

The primer dries colourless and is suitable for use within external wall insulation, render-only and other compatible mineral finishing systems.

Intended Uses

EWI-301 Water Based Substrate Primer is intended for priming absorbent substrates including concrete, aerated concrete, brickwork, blockwork, structural clay tiles, plaster coats, gypsum panels and gypsum plasterboard.

It may be used before compatible paints, adhesives, cement-based and cement-lime renders, skim finishes, ceramic tiling, screeds and other suitable finishing materials.

Technical Specification

Composition	Water-based primer containing acrylic polymers and other additives
Quantity Per Unit	5L
Consumption	Approx. 50–300ml/m² depending on substrate structure and absorbency
Application Thickness	<0.2mm
Coverage Rate	Approx. 17–100m² per 5L jerrycan
Bulk Density	Approx. 1.02g/cm³

pH	Approx. 7
Colour	Colourless when dry
Application Temperature	+5°C to +25°C
Drying Time	Approx. 2–4 hours
Time Before Further Work	Approx. 24 hours after priming

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 clean, and free from dust, grease, oils, loose material, efflorescence, biological growth and other contaminants that may affect adhesion. Cracks, damaged areas and unstable sections should be repaired using a suitable compatible repair material and allowed to dry fully before priming.

Protect areas that are not intended to be primed before application.

Product Preparation

EWI-301 Water Based Substrate Primer is supplied ready to use. Stir thoroughly before application. Do not dilute with water or mix with other substances.

Application

Apply EWI-301 evenly using a brush or roller. Highly absorbent or weak substrates may require a second application after the first coat has dried sufficiently.

Allow the primer to dry fully before applying subsequent coatings. Compatible paints, renders, adhesives and other finishes should typically be applied approximately 24 hours after priming.

Application Conditions

Apply when the air and substrate temperatures are between +5°C and +25°C. Do not apply during rain or snow, in strong winds or in direct sunlight without suitable protection.

Protect recently treated surfaces from rain, frost and rapid drying until the primer has sufficiently cured.

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-301 Water Based Substrate Primer is supplied in 5L plastic jerrycans. Store unopened in a dry environment at temperatures above +5°C. Shelf life is up to 12 months from the date of manufacture when stored correctly.

Compliance with Standards

ETA 15/0576 and ETA 15/0575.
BBA Approval Inspection Testing Certificate 18/5503.

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 where necessary. 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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