

EWI-301

Water Based Substrate Primer

EWI-301 Water Based Primer is used to prepare the wall before installing external wall insulation or render-only systems. Water Based Primer dries completely colourless and limits the absorptive capacity of the substrate, while simultaneously strengthening and stabilising dusty substrates. It also provides enhanced adhesion for the application of paint or render coats, helping to ensure a long-lasting finish. Water Based Primer comes ready-to-use in 5 litre plastic jerrycans



Intended Uses.

EWI- 301 is designed for priming various absorptive substrates including ordinary and cellular concrete (e.g. aerated concrete), walls made of bricks, blocks and structural clay tiles, plaster coats, gypsum panels and gypsum plasterboards. It is applied to the substrate prior to the application of paints, adhesives, cement or cement and lime-based plaster coats, skim finish products, ceramic tiling, floor screeds and even wallpapers.

Technical Specification

Composition

This water-based primer contains acrylic polymers and other additives.

pH

approx. 7

Bulk density:

approx. 1.02 g/cm³



WATER
RESISTANT



FROST
RESISTANT



VAPOUR
PERMEABILITY



REGULATES THE
GROUNDWORK
ABSORBERENCY



FACILITATES THE
APPLICATION OF
ADHESIVES

Directions for use.

Substrate Preparation

Prior to priming, remove any loose elements and fragments on substrate. The substrate should be cleaned to ensure that it is free from all substances that may affect adhesion, i.e. dust, oil, grease, anti-adhesive agents, remaining paint, mould, algae, moss, etc. The substrate should be free of cracks and efflorescence, and uniformly dry. All contamination resulting from grease, oil or anti-adhesive agents should be cleaned by washing with a water-containing detergent. Biological contamination should be eliminated, and then cleaned by mechanical action. Scratched and cracked surfaces should be repaired with levelling mortar or another mortar suitable for the substrate. Mortar applied to repaired sites should be dry and well-bonded. Surfaces that will not be primed should be protected prior to priming.

Product Preparation

Mix the product thoroughly within its container before use. EW1-301 is a ready-to-use emulsion and therefore does not require diluting with water or any other product.

Application

For best results, apply using a brush or roller. Each coat should take approximately 2-4 hours to dry. Weak substrates that need to be strengthened and highly absorptive substrates should be re-primed after about 4 hours. Dispersion paints, surface finish products or adhesives should be applied at least 24 hours after priming. Works must not be carried out during rain or snow, in strong winds and in direct sunlight without special protection to limit exposure to weather conditions. Recently rendered coats must be protected against rain, frost and over-rapid drying.

Application Conditions

Application and setting temperature
(air, substrate, materials)

from +5°C to +25°C

Time to painting or plastering:

Approx. 24 hours after priming

Coat drying time:

2-4 hours

Quantity to be used:

approx. 50-300 ml/m² depending on substrate structure and absorptive capacity)

Colour:

colourless when dry

Packaging

5 Litre Jerrycans

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.

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.