

# EWI-302

# Deep Penetrating Primer

EWI-302 Deep Penetrating Primer is a preparation primer for external walls. It is ideal for use on highly absorptive surfaces, as it works to consolidate and strengthen the substrate while limiting its absorptive capacity. Deep Penetrating primer is easy to apply, dries completely colourless and will facilitate the application of render and external wall insulation products.



## Intended Uses.

EWI-302 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/cm<sup>3</sup>



WATER  
RESISTANT



FROST  
RESISTANT



VAPOUR  
PERMEABILITY



REGULATES THE  
GROUNDWORK  
ABSORBENCY



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 suitable mortar. Mortar applied to repaired sites should be dry and well-bonded. Surfaces that will not be primed should be protected.

## Product Preparation

Mix the product thoroughly within its container before use. EW1-302 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/m<sup>2</sup> 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.