

# EWI-226 Aquabase Water Resistant Basecoat

EWI-226 Water Resistant Basecoat is the ideal basecoat adhesive for internal and external areas where there is a high risk of water ingress. This waterproof basecoat can be used as both an adhesive and a basecoat, suitable for use with extruded polystyrene (XPS) insulation boards to a substrate (with high water ingress risk) and for embedding Fibreglass Mesh to create a smooth surface with a high tensile strength. Offering complete water-resistance, the product will ensure a completely durable finish that will stand the test of time.

## Intended Uses.

EWI-226 Water Resistant Basecoat is ideal for use on internal and external walls. Externally, it is perfect for areas exposed to high levels of water, for example the DPC area. Internally, the basecoat can be used in bathrooms for around showers/baths, and in wet rooms. After drying, it is the ideal surface for applying tile adhesives and plasters. Externally it can be finished with Mosaic Render to produce a water repellent and durable surface. This basecoat is not intended for use in swimming pools.



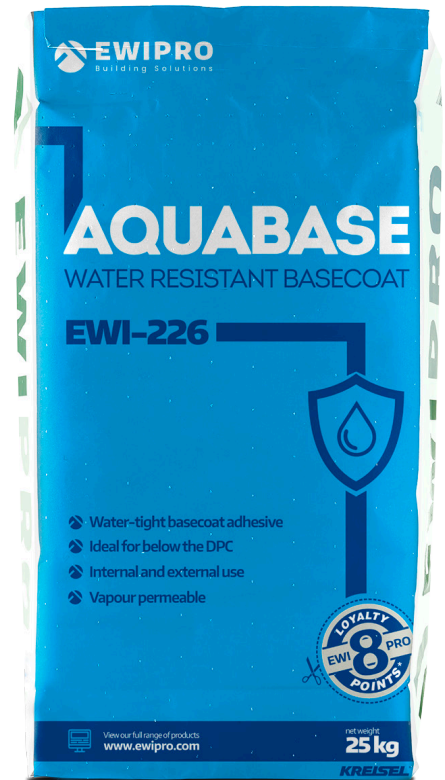
VAPOUR  
PERMEABILITY



INTERNAL AND  
EXTERNAL USE



IDEAL FOR  
BELOW THE DPC



## Technical Specification

### Composition

Portland cement, polymers, mineral fillers

### Granulation

1.5-1.7 kg/m<sup>2</sup>/1mm

### Soluble Chromium VI Content

≤ 0,0002%

# Directions for use.

## Substrate Preparation

When using the EWI-226 as a bedding adhesive for XPS insulation, ensure the substrate is clean and free of any dust or debris. For uneven substrates, consider using levelling coats using the same product – applying 2mm to 5mm max. Reapply the same product in layers until you are satisfied with the levelness of the surface. If the surface is dusty prior to starting the installation process, then use a jet wash first before coating the surface with the EWI-301 Water-Based Substrate or EWI-302 Deep Penetrating Primer.

For painted surfaces, first check for structural stability then consider using EWI-310 Universal Primer, which will create an abrasive surface ready for the EWI-226 Water Resistant Basecoat to key onto. When using the EWI-226 as part of the basecoat / reinforcement layer, ensure the insulation boards are level prior to application. On the reinforcement application to achieve water tightness you will require two passes of the product.

## Product Preparation

Pour the 25kg mix into 5-6 litres of clean cool water and mix thoroughly with an electric paddle mix for 2-3 minutes to produce a consistent texture. Leave for 5 minutes and then briefly mix again – the product is now ready for application.

## Application

When using the EWI-226 as a bedding adhesive, apply the adhesive to the back of the insulation board using an appropriate trowel. For uneven substrates, we recommend applying the adhesive to the perimeter of the XPS insulation board with 3 additional dabs across the middle of the board. For flat substrates, you can apply the adhesive to the entirety of the insulation board using a notched trowel.

When using the EWI-226 as a basecoat adhesive, apply the adhesive to the insulation board using a notched trowel. Before drying, Fibreglass Mesh needs to be embedded within the basecoat adhesive. Another layer of the product needs to be applied to the top of the reinforcement layer to achieve water tightness.

Works must be protected from rain, snow, strong winds and direct sunlight. The average drying time for the bedding adhesive is 12-48 hours depending on weather conditions. The drying period may be significantly longer in low temperature and high relative humidity

## Application Conditions

<b>Water mix proportions</b>
5-6L
<b>Maximum layer thickness</b>
2-5mm
<b>Shelf life after mixing with water</b>
2 hours (at +20C)

## Packaging

25 kg bags.

## Storage

Shelf life: up to 9 months from the date of manufacture.  
Keep dry and in the original undamaged packaging.

## Safety Measures

Alkaline pH after mixing with water. Avoid contact with skin. Wear eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## Clean-up

Wash tools immediately with clean water.