

ECOPRIMER

Water based bituminous primer



Description

Bituminous water based primer which helps block dust and reduces concrete porosity. The product provides good adhesion, penetration of the substrate and above all that it is formulated with water, therefore it is not flammable and is not dangerous to use. The product is odorless.

Application areas

The product is applied on cement substrates of bridges, viaducts, foundation walls, civilian and industrial roofs before the application of polymer bitumen waterproofing membranes. ECOPRIMER is particularly indicated for waterproofing works in inhabited areas, where the use of solvent based products may not be advisable. It has good penetration and consolidating properties on all dry cementitious surfaces, but also on those which are slightly wet. Once applied it guarantees an excellent application surface for bituminous liquid coatings and polymer-bitumen waterproofing membranes.

Chemical composition

Bituminous primer composed of bitumen in water emulsion and additives.

Product use

It is important that the concrete surfaces to be treated be as dry as possible, without oils, loose particles or other. ECOPRIMER is ready for use, it is sufficient to slightly mix before application. It can be applied indifferently either by broom, spray, roller or brush. Drying time may vary depending on the porosity of the concrete, of the thickness to be obtained and the ambient temperature. Generally the optimal drying time in good weather conditions after application is 1-2 hours while in adverse weather, elevated thicknesses or low absorbing surfaces, drying time can be more than 3 hours. The amount of ECOPRIMER depends very much on the porosity and absorption of the surface: approx. consumption is 200/400 gr/m².

The tools can be cleaned with water. Avoid application in cold damp weather or in the imminence of rain, as the product is water based and therefore will not dry or can be washed off the application surface. During the winter periods the product needs to be stored in an area with temperatures not lower than +5 °C. The product can freeze.

1) apply by roller



2) apply by spray



3) apply by brush



ECOPRIMER

Technical data

| Technical Characteristics | Value |
|---------------------------|---|
| Aspect | Liquid |
| Color | Brown |
| Density at 20° C in kg/l | 0,98 - 1,08 |
| Drying time out of dust | Approximately 20 min. (20°C) |
| Drying time to touch | Approximately 90 min. (20°C) |
| Dry residual at 130° C | 30% ±5 |
| Yield | 200/400 gr/m ² depending on the substrate absorption |
| Flammability point | Not flammable |

* Out of dust time and drying time are directly subordinate to temperatures, environmental conditions, level of moisture in the air, nature of support, porosity, state of alteration of the surface.

Packaging

| Description | Drum size | Drums per pallet |
|-------------|-----------|------------------|
| Ecoprimer | 10 lt | 64 |
| Ecoprimer | 20 lt | 42 |

Pluvitec reserves the rights to change or modify the nominal values without prior notice or advice.