

# ECOFONDO ONE

THREE-COMPONENT EPOXY PRIMER WATER-BASED (A+B+C)



## DESCRIPTION

Three-component formulation based on water-based liquid epoxy resins and hydraulic binders, used as a base for surfaces, even wet and counterthrust, to obtain the vapor barrier effect for reverse hydrostatic pressure values of 250 kPa.

It offers rapid hardening even in conditions of low temperatures and high humidity.

## USE

Connecting layer and regularization of cement surfaces.

Base layer for resinous floor coverings in the presence of damp substrates.

Grouting of pitting and surface cracks.

Primer for tile supports.

## SUPPORT

The substrate must have a minimum compressive strength of 25 N/mm<sup>2</sup> and a tensile strength of 1.5 N/mm<sup>2</sup>.

## PREPARATION OF THE SUPPORT

The support must be properly cleaned manually and/or mechanically in order to eliminate non-cohesive parts, such as encrustations, efflorescence, dust and grease.

The floors must be treated mechanically, by means of sanding, shot peening or milling.

Surfaces tending to chalk should be treated in advance with a recovery of PAVIWATER T68 diluted 1:3 with water, proceeding with fresh ECOFONDO ONE on fresh.

## APPLICATION

Prepare the mixture of the 2 liquid components (A+B) by pouring the contents of part B into the container part A; mix with a drill for about 2 minutes.

Add the pre-dosed hydraulic binder to the mixture (A + B) and mix with a mixer drill for about 1 minute. To disperse the product optimally, it is necessary to pour the powders little by little, continuing to stir with the drill with the drill.

Apply with an American trowel, for a consumption of about 2.0 kg/m<sup>2</sup> for each shot.

Before proceeding with the coating, with subsequent resin coatings, wait 24 hours (at 25 ° C and 50% R.H.) checking with hygrometer the complete drying.

**Warning:** avoid preparing partial mixtures of the product in order not to incur accidental errors, which could lead to incomplete hardening.

## TECHNICAL SPECIFICATIONS

PRODUCT DATA	
Colour	Dark grey
Consumption	2.00 kg/m <sup>2</sup> (per shoot)
Specific gravity (at 25°C): mixture (A+B+C)	1,65 +/- 0,05 g/ml
Viscosity (at 25 °C): mixture (A+B+C)	65.000-70.000 mPa·s (spindle 4, rpm 3)
Dry residue (A+B+C)	82% by weight
Flash point	None
Solvent for cleaning tools	Water
Storage	6 months for part C, 12 months for parts A and B, store in a dry place at a temperature between 5 °C and 35 °C
APPLICATION DATA AND TIMES	
Mixture ratio	by weight: A=100, B=80, C=100
Pot-life (50% R.H.)	at 10 °C 50-60 min at 25 °C 30-40 min at 30 °C 15-25 min
Dry to the touch (50% R.H.)	at 10 °C 18-22 hours at 25 °C 2-3 hours at 30 °C 1-2 hours
Walkable (50% R.H.)	at 25 °C 24 to 36 hours
Coverage (50% R.H.)	at 25 °C 24 to 36 hours

Environmental conditions of use	Temperatures between +5°C and +35°C and R.H. < 75%
PERFORMANCE TECHNICAL DATA	
Appearance	Dark grey, rough
Adhesion to concrete	> 3.5 N/mm <sup>2</sup> , however cohesive to the support
Reverse hydrostatic pressure resistance (UNI 8298-8)	250 kPa (72 h)

*Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.*