

ECOFONDO PLUS

Waterborne epoxy 3 component coating (A+B+C)

Description

Waterborne 3 component product based on liquid epoxy resin with hydrolytic binders, to be used as primer for substrates even with humidity from ground-up.

Uses

Reduces the roughness of concrete substrates.

Primer for resin coatings on humid substrates.

Humidity barrier for walls and floors in concrete, stones or bricks.

Filler for little cracks.

Primer for floors with tiles.

Substrate

The substrate must have a minimum resistance to compression of 25 N/mm² and to traction of 1,5 N/mm².

Preparation of the substrate

The substrate must be properly cleaned up or manually or mechanically to take away not adhered parts, dust or oils.

Application

Mix the two liquid ingredients (A+B), by adding the part B into the container of the part A; mix it with a mixing device for at least 2 minutes.



Then add to this mix (A+B) the inorganic binder and mix it with the mixing device for at least 1 minute. In order to have a good result add the powders little by little and keep mixing with a drill mixer.

Dilute A+B+C with 15% in weight of water, then apply by smoothing.

Before covering the system to wait 24 hours at 25°C and 50% U.R. and verify the content of humidity % of the substrate.

Technical Data

Colour	Dark grey
Density (A+B+C) diluted with 15% ow water	1,50 +/- 0,05 g/ml
Solids content (A+B+C)	90% in weight
Pot – life	at 35°C and 50% U.R. 75 minutes at 25°C and 50% U.R. 2 hours at 10°C and 50% U.R. 3 hours
Tack free time	at 35°C and 50% U.R. 4-6 hours at 25°C and 50% U.R. 5-7 hours at 10°C and 50% U.R. 20-24 hours
Adhesion time to concrete	> 3,5 MPa
Consumption	0,600-1 Kg for coat
Ratio mixture between components	A=100 B=50 C=100
Flash point	Not applicable
Application conditions	Temperatures between 10°C and 35°C and U.R. < 75%
Advisable layers	Minimum one depending on the humidity of the substrate
Solvent to clean the tools	Water
Storage	6 months for product C 12 months for products A and B Keep it in a dry place at a temperature between 5°C and 35°C