

EPOXY BINDERS

FLUIDEPOX[®] PIASTRELLE A+B

Epoxy primer for tiled substrate

It is used to facilitate the adhesion of the resin formulations on the tiles and allows you to seal any cracks before creating a coating.

It is characterized by excellent adhesion, excellent surface impermeability and fair flexibility even at low temperatures.

Description

Two-component product based on epoxy resins, used in combination with polyamide hardeners, it has excellent adhesion on tiles and a fair flexibility even at low temperatures.

Use

Primer to facilitate the adhesion of resin coatings on tiles. To seal cracks before performing a coating.

Support

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1,5 N/mm²

Preparation of the support

It is necessary to check that there are no rising humidity. If the substrate is newly built, you will have to wait for complete maturation.

The surface must be solid and free from the presence of oils, surfactants, water, dust.

Any inconsistent parts will have to be removed.

Flooring must be treated mechanically, by abrasiveness, shot peening or milling.

Application

At the time of application, combine part "A" and part "B" in a single container and mix carefully (for 2 minutes) using a mechanical stirrer.

FLUIDEPOX PIASTRELLE It can be applied in several ways:

- with trowel or blade, pure or loaded with QUARTZ B0
- roller, pure or diluted with 5-10% of Ethyl Alcohol or UNI Solvent



On FLUIDEPOX PIASTRELLE as soon as it is applied, distribute QUARZO B1, B2 or B3 for sowing, until the product is completely covered (consumption 2-3 kg/m²).

On difficult substrates to reinforce with glass fiber mesh of 100g. In this case the consumption of FLUIDEPOX PIASTRELLE is about 1 kg/m².

Warnings

For low temperature applications, the material can be heated to 25°C for easy application and catalysis (viscosity decrease).

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.

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

FLUIDEPOX[®] PIASTRELLE A+B • Technical sheet • 05/11/2025

Sivit S.r.l.

Via Centallo 57, 10156, Torino, Italia | P.I. - C.F. 01012820013 | C.C.I.A.A. N. 478878 | Reg. Soc. Tribunale Torino N. 305/74

Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

commerciale@sivit.it | sivit srl@pec.it | +39 011 273 00 33 | www.sivit.it

Technical specifications

PRODUCT DATA	
Colour	Amber
Specific gravity (at 25°C): mixture (A+B)	1,10 +/- 0,05 g/ml
Viscosity (at 25 °C): mixture (A+B)	1.200 +/- 250 mPascal (spindle 2, rpm 20)
Flash point	> 100°C
Solvent for cleaning tools	UNI Solvent
Storage	12 months, 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=36
Pot-life (50% R.H.)	at 10°C > 60 min at 25°C 28 min at 30°C > 20 min
Dry to the touch (50% R.H.)	at 10°C 12-16 hours at 25°C 5-7 hours at 30°C 2-3 hours
Walkable (50% R.H.)	at 25°C 12 hours
Coverage (50% R.H.)	at 25°C 12 to 36 hours
Trafficable (50% R.H.)	at 25°C 36 hours
Hardening in depth (50% R.H.)	at 25°C 7 days
Environmental conditions of use	Temperatures between +10°C and +30°C, R.H. < 60% and media humidity < 4% (*)
	(*) FLUIDEPOX PIASTRELLE it must be applied at a media temperature not lower than 15°C and at least 3°C higher than the condensation temperature.

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