

FLUIDEPOX PIASTRELLE

Epoxy Primer for tiled substrate (A+B)

Description

2 component (A+B) based on epoxy resins in combination with poly-amide hardeners. It has a good adhesion on tiles and an excellent flexibility even at low temperatures.

Uses

Primer to allow the resin coatings to adhere on tiles.

Suitable also to fill holes before applying the coating.

Substrates

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

Check first that no humidity from the ground-up is present.

When newly built, respect the seasoning time.

The surface has to be solid, and not polluted by oils, surfactants, water or dusts.

Remove eventual parts which are not sufficiently adhered.

Choose the most convenient mechanical preparation, as abrasion, shot-blasting or grinding.



Application

Mix the part "A" with the part "B" in a container and carefully mix it for at least 2 minutes with a drill mixer.

FLUIDEPOX PIASTRELLE can be applied in several different ways:

- By smoothing by trowel, pure or added with **QUARZO B0**
- By roll, pure or diluted with 5-10% of ethylic alcohol or solvent UNI

When still fresh, seed **QUARZO B1, B2 or B3**, till the **FLUIDEPOX PIASTRELLE** is totally covered (consumption 2-3 Kg/sqm).

On weak substrates reinforce them with a net in glassfibres of 100 gr/sqm.

In this case the consumption of **FLUIDEPOX PIASTRELLE** is around 1 kg/sqm.

Technical Data

Colour	Amber
Density	1,10 +/- 0,05 g/ml
Viscosity (A+B) at 25°C	1200 +/- 250 mPascal (Spindle 2, rpm 20)
Pot – life	at 30°C > 20 minutes
	at 25°C 28 minutes
	at 10°C > 60 minutes
Tack free time	at 30°C and 50% U.R. 2-3 hours
	at 25°C and 50% U.R. 5–7 hours
	at 10°C and 50% U.R. 12-16 hours
Consumption	0,500-0,700 kg/sqm di A+B
Mixture ratio in weight	A=100 B=36
Flash point	> 100°C
Walk-on time	at 25°C and 50% U.R. 12 hours
Overcoating time	at 25°C and 50% U.R. Min. 12 hours and max. 36
Trafficable time	36 hours
Hardening in depth	7 days
Application conditions (*)	Temperatures between 10°C and 30°C and U.R. < 60%
	Humidity of the substrate < 4%
Solvent to clean the tools	Solvent UNI
Storage	12 months in a dry and protected place, at a temperatures between 5°C and 35°C

(*) **FLUIDEPOX PIASTRELLE** have to be applied with a temperature from the substrate which has to be at least 3°C higher then the dew point.

WARNING:

When applied at low temperatures, it is advisable to warm the product up to 25°C to facilitate the application (lower viscosity).