

FLUIDEPOX FLEX

Elastic epoxy system (A+B)

Description

2 component product based on epoxy polyurethanic resins in combination with cyclo-aliphatic amine hardeners.

The system has a good elasticity.

Uses

Primer for concrete.

Primer for car parking

Primer for glassfiber mat to make reinforced resinous covering.

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

When the substrate is in concrete, check that no humidity from the ground-up is present. When newly done, respect the seasoning time.

The surface have to be solid, absorbent and not polluted by oils, surfactants, water, dust. Eventual not adhered parts have to be removed.

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

Application

Mix the compounds A and B in one container and mix them carefully with a drill mixer for at least 2 minutes.

FLUIDEPOX FLEX can be applied in several ways:

- By smoothing with a trowel, pure or additivated with **QUARZO B0**
- By roll, pure or diluted with the 5 – 10% of ethylic alcohol or solvent UNI

The consumptions are depending on the type of application and on the type of substrate.

Technical Data

Colour	Transparent
Density	1,10 +/- 0,05 g/ml
Viscosity at 25°C	2700 mPascal Spindle 2 rpm 10
Viscosity (+5% Solvent UNI) at 25°C	1700 mPascal (Spindle 2, rpm 12)
Pot - life	at 30°C 30-40 minutes
	at 25°C 50-60 minutes
	at 10°C 80-100 minutes
Tack free time	at 30°C and 50% U.R. 12-14 hours
	at 25°C and 50% U.R. 18-20 hours
	at 10°C and 50% U.R. 36-40 hours
Mixture ratio in weight	A=100 B=28,2
Flash point	> 100°C
Walk-on time	at 25°C and 50% U.R. 24 hours
Overcoating time	at 25°C and 50% U.R. Min. 24 hours and max. 48
Transit-on time	72 hours
Hardening in depth	7 days
Elongation at break at -10° C	188% (UNI EN ISO 527)
Application conditions (*)	Temperatures between 10°C and 30°C, U.R. < 60% and humidity of the substrate < 4%
Solvent to clean the tools	Solvent UNI
Storage	12 months in a dry and protected place, at a temperature between 5°C and 35°C
Chemical resistance	Good chemical resistance to several different chemical products. Please refer to our Technical Service for more details.

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

WARNING:

For application at low temperatures you can warm the product up to 25°C to facilitate the application (lower viscosity).