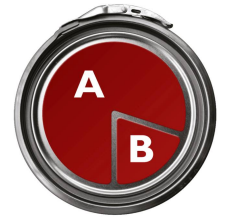


FLUIDEPOX FLEX



ELASTIC TRANSPARENT EPOXY FORMULATION
(A+B)

DESCRIPTION

Prodotto bicomponente a base di resine epossipoliuretatiche, usate in combinazione con indurenti amminici.

Il sistema, oltre ad espletare un'azione consolidante per supporti in cls., presenta una buona elasticità.

USE

Primer for damaged cementitious supports.

Primer for the construction of parking lots.

Impregnations of fiberglass to make fiberglass coatings.

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

Operating on concrete funds. It is necessary to check that there is no rise in humidity.

If the cls. It is newly built you will have to wait for full maturation.

The surface must be solid, absorbent 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 FLEX can be applied in different ways:

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

Consumption varies considerably according to the applications and the state of the subsoil.

TECHNICAL SPECIFICATIONS

PRODUCT DATA	
Colour	Transparent
Specific gravity (at 25 °C): mixture (A+B)	1,10 +/- 0,05 g/ml
Viscosity (at 25 °C): mixture (A+B) mixture (A + B) diluted to 5% with UNI SOLVENT	2.700 mPascal (spindle 2, rpm 10) 1.700 mPascal (spindle 2, rpm 12)
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=28,2
Pot-life (50% R.H.)	at 10 °C > 80-100 min at 25 °C 50-60 min at 30 °C > 30-40 min
Dry to the touch (50% R.H.)	at 10 °C 36-40 hours at 25 °C 18-20 hours at 30 °C 12-14 hours
Walkable (50% R.H.)	at 25 °C 24 hours
Coverage (50% R.H.)	at 25 °C 24 to 48 hours
Trafficable (50% R.H.)	at 25 °C 72 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% (*)
PERFORMANCE TECHNICAL DATA	
Tensile strength (UNI EN ISO 527)	at -10 °C 2.98 Mpa at +10 °C 1.97 MPa00
Elongation at break (UNI EN ISO 527)	at -10 °C 183 % at +10 °C 166 %
Tensile modulus of elasticity (UNI EN 527)	at -10 °C 14 MPa at +10 °C 9 MPa
Crack bridging - Static Method A (UNI EN 1062-7)	at +10 °C A2 > 250 µm

(*) FLUIDEPOX FLEX va applicato ad una temperatura del supporto non inferiore a 15°C e di almeno 3°C superiore alla temperatura di condensa.

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.