

sivit



s.r.l.

Head Office and Plant:
Via Centallo, 57 - 10156 Turin
Tel. +39-011 273.00.33
Fax +39-011 273.56.17

www.sivit.it
ser.tec@sivit.it

Technical Sheet

Rev. D del 02/07 ó Cod.15 - Sigla

FLUIDEPOX

Low viscosity epoxy formula

Uses

- É Primer for concrete surfaces ideal to facilitate the adhesion of resin coatings.
- É Anchorage primer for epoxy troweling mortar.
- É Primer for glass cloth to make plastic coverings reinforced by fibreglass.
- É Primer to consolidate reinforced concrete and filling cavities.

Description

- É Solvent-free two pack system based on epoxy resin in combination with cycloaliphatic amino hardeners.
- É Excellent penetration and consolidation in concrete surfaces.
- É The particular chemical structure of the hardener amino guarantees good results even at low temperatures.

Preparation of the surface and application:

- Concrete surfaces must be free from moisture. Respect maturation time before working on new concrete surfaces .
- The surface must be solid, absorbent and free from oil, surface-active, water, dust. Eventual loose parts must be removed.
- Floors must be treated mechanically by abrasion, shot-peening or milling.
- At the moment of application, pour part "A" and part "B" in the same container and mix carefully with a mechanical mixer for 2 minutes.
- Fluidepox can be applied in several way :
 - to smooth by trowel the pure system or filled system with quartz .
 - by roller or brush diluted system with 5 - 10% of ethylic alcohol / solvent UNI or pure system .
 - on substrate with problems of humidity is after application of to spread quartz to total covering. At this point to apply a transpirant coverings .
- The consumption depends on the type of application and the state of the substrates, therefore if you need further information you should read our cycles.

TECHNICAL FEATURES:

Colour:	TRANSPARENT
Density:	1,100 +/-0,05 g/ml
Viscosity (A+B) at 25°C:	470 m Pascal +/- 100 Spindle 2 rpm 60
Viscosity (A+B) + 5% SOLVENTE UNI:	270 m Pascal +/- 50 Spindle 1 rpm 20
Viscosity (A+B) + 10% SOLVENTE UNI :	175 m Pascal +/- 40 Spindle 1 rpm 30
Mixture ratio:	100 parts of "A" 50 parts of "B"
Pot life at 25 °C.	30 minutes
Tack free time:	5-7 hours (25°C - 50% U.R.)
Walk-on-time:	12 hours (25°C - 50% U.R.)
Overcoat time:	min.12 ore - max 36 hours (25°C -50% U.R.)
Transit-on-time:	36 hours
Curing time:	7 days
Application conditions:	temperature between +5°C and +30°C surface humidity < 4%.
Compression strength (UNI 4279)	60 N/ mm2
Tensile strength (ASTMD 638)	40 N/mm2
Flexural strength (UNI 7219)	59 N/mm2
Hardness (ASTM D2240)	78 Shore D
Chemical resistance:	good chemical resistance to different chemical agents.Contact our Technical for advice.
Services	> 100°C
Flash point:	SOLVENTE UNI
Solvent to clean the tools:	12 months in a dry and safe place at a temperature between 5°C and 35°C.
Storage:	