

PAVIRESISTANT TIXO

Epoxy product for chemical resistant coatings (A+B)

Description

2 Component system based on epoxy resins combined with cyclo-aliphatic amino hardeners.

With 90% of solid content, the coating is suitable and resistant against contact with aggressive chemical substances

Usages

Waterproof coating in channels and tanks.

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

- Concrete have to be solid, dry (when newly done, the seasoning time have to be respected), leveled, absorbent, not polluted by oils, cleaners, dust or any other substance.
- Choose the most convenient mechanical preparation (sand-blasting, hydrowashing) then apply one layer of **ECOFONDO**.



Application

At the moment of the application put the two compounds in one container and mix them carefully with a drill mixer.

Apply the product quickly. Do not use the product which sticks to the sides or bottom of the container, as it could not be perfectly mixed.

Apply it by roller or brush for a consumption of 300-600 gr/sm.

Technical data

Color	RAL 7038 or tailor-made, for batches of min. 200 kg	
Density	1,20 +/- 0,05 g/ml	
Viscosity	at 25°	5000 +/- 1000mPascal (Spindle 2,rpm6)
Pot-life	at 30°C	> 10 minutes
	at 25°C	17 minutes
	at 15°C	> 30 minutes
Tack free time	at 30°C and 50% U.R.	1-2 hours
	at 25°C and 50% U.R.	2-3 hours, for low thickness
	at 15°C and 50% U.R.	10-12 hours
Mixture ration in weight	A=100	B=21,7
Walk-on time	at 25°C and 50% U.R.	10 hours
Overcoat time	at 25°C and 50% U.R. min.	6 hours and max. 24 hours
Transit-on time	at 25°C and 50% U.R.	20 hours
Flash point	> 100°C	
Application conditions (*)	Temperatures between 15°C and 30°C, U.R. < 50% and humidity of the substrate less then 4%	
Compression strength (UNI 4279)	60 N/mm ²	
Flexion resistance (UNI 7219)	45 N/mm ²	
Flexion resistance (ASTM D 638)	30 N/mm ²	
Hardness (ASTM D 2240)	80 Shore D	
Solvent to clean the tools	Solvent UNI	
Storage	12 months. Keep it in a dry place at temperature between 5°C and 35°C	
Chemical resistance	Excellent towards several different chemical agents. Consult the table for chemical resistances.	
Maintenance	Neutral cleaners.	

(*) **PAVIRESISTANT TIXO** when applied at temperatures of the substrate <15°C, and when in contact with water or with waterborne product could form white marks. This defect of chemical resistance is due to incomplete crosslinking.

Therefor, **PAVIRESISTANT TIXO** have to be applied at a temperature of the substrate not <15°C and at least >3°C of the dew temperature

CAUTION:

The coatings of **PAVIRESISTANT**, when under direct sunlight, can change color with tendency to yellow or become less bright; this does not compromise the performances of the coating in any way.

Few differences can be possible in between different batches of the same color.

When possible, use products from the same batch.

For applications at low temperatures it is possible to warm the product up to 25°C to make the application easier (less viscosity). direct sunlight, can change color with tendency to yellow or become less bright; this does not compromise the performances of the coating in any way