

Kimitech EC

Bi-component epoxy resin to be mixed with especially designed Kimifill products in order to obtain thixotropic or self-levelling epoxy-cementitious systems



Scheda Tecnica rev.01_05/2025





DESCRIPTION

Kimitech EC is a two-component epoxy resin. The product is a water-based solution, odourless, solvent free, high resistance to chemicals (alkalis, acids), anti-shrinkage effect up to 5 mm of thickness and low viscosity (very useful in using the product with mechanical devices like air-less pumps).

USES

Mixed with adequate binders dry mixes Kimitech EC is used in three-component epoxy-cementitious systems.

APPLICATION

	Manual application		Curing time: 7 days
	Machine application		
	Max thickness per coat: 5 mm		

Pour component "A" into component "B", miscelare accuratamente con trapano a basso numero di giri (200-300 al minuto), then mix the components with a low-speed stirrer until a perfect mix is achieved. Add the dry mix designed for a specific purpose following information indicated in the correlated TDS. Mix carefully until a perfect mix is achieved and apply the mixture on the primed surface.

CONSUMPTION

6 kg (a+b) of kimitech ec each bag of kimifill k12 or kimifill k14.

PACKAGING

Pack. 6 Kg (A+B)

STORAGE

Stored in a sealed container in a dry place, the product will remain stable for 24 months.

CHARACTERISTICS	VALUE (A+B)
Mixing ratio	a : b = 1,3 : 4,7
Consistency	Liquid
Brookfield viscosity (300 r.p.m. - 25°C) UNI 8490-3	100 - 120 mPa·s
Freezing time	1 h
Curing time	7 days
Minimum temperature for application	+ 5 °C

WARNING

Product for professional use.

Don't use Kimitech EC in permanent contact with wine and alcohol. Don't apply the product with temperature lower than +5°C. Don't apply the product on wet surfaces. In case of multiple-coats applications, don't wait more than 48 hours between the application of a layer and the next one, otherwise, sand the surface and remove dust before applying the next coat.

Clean the equipment after the application of the product with clear water..

For a safe use of the product employ protective gloves, creams, glasses and avoid the product comes into contact with your skin and eyes.

If this happens rinse with clear water and call a doctor.

For further information and advice on safe handling, storage and disposal of chemical products, the user must refer to the most recent Safety Data Sheet, containing physical, ecological, toxicological and other data related to safety.

The information and requirements indicated in this Technical Data Sheet are based on our current knowledge and experience and are to be considered, in any case, purely indicative. They cannot guarantee the final result of the applied product and they have to be confirmed by exhaustive practical applications; therefore the user must test the suitability of the product for the intended application and its purpose. Users must always refer to the latest version of the local technical data sheet related to the product.