

Kimicover K80

Low viscosity polymeric latex, with biocidal action, for encapsulations to remove the aerodispersion of asbestos fibers during removal treatments



Scheda Tecnica rev.01_05/2025

DESCRIPTION

Kimicover K80 is an acrylic resin in aqueous dispersion specific for impregnation and consolidation coatings of type D "auxiliary for the removal" according to the D.M. 20 August 1999. The product has a biocidal action and consolidates by deeply impregnating the asbestos-containing products to support removal and disposal operations.

USES

Kimicover K80 is used as a type D auxiliary encapsulating coating to block the dispersion of free asbestos fibers. It has to be sprayed with an airless pump. It hardens quickly forming a film of remarkable waterproof blue thickness. The product prevents the detachment of the fibers ensuring the operators the necessary security required by law during all removal operations.

WORKS

Encapsulation of "type d" asbestos-cement roofing, auxiliary to removal (SA29)

COMPLIANCE CERTIFICATE

The product, as indicated in the relevant certificate of conformity, is suitable for use as an "d" encapsulating coating based on the provisions of the ministerial decree august 20, 1999; possesses all the requisites foreseen by the decree of the ministry of health (extension of regulations and technical methodologies for remediation interventions, including those to render asbestos harmless, provided by article 5, paragraph 1, letter f) of the law 25/03/92 no. 257, laying down rules concerning the cessation of the use of asbestos



APPLICATION

	Mechanical device application		Complete hardening: 7 days
	Thickness per coat: < 1 mm for horizontal application < 1 mm for vertical application < 1 mm for overhead application		

The product is ready to use and must be applied by spray with an airless pump on the asbestos cement slabs to be removed, respecting the consumption indicated on the data sheet.

CONSUMPTION

180-250 g/m² depending on the degradation level of the asbestos-cement

PACKAGING

Plastic tank Kg 25.
Plastic tank 1000 Kg.

STORAGE

The product stored in sealed containers at a temperature not lower than +5°C and not higher than +40°C, maintains its stability for 24 months.

CHARACTERISTICS	TYPICAL VALUE
Color in contrast with the substrate (Different colors available)	Blue Available in red on request
Solids content uni 8309	17 ± 1 %
Drying time astm d1640	30 mins
Viscosity (at 20°C and 500r.p.m.) UNI 8490-3	1 - 10 mpa·s
Apparent dry bulk en iso 2811 -1	1,01 ± 0,05 g/cm ³
Appearance	Fluid liquid
Dry film thickness	20 µ
Number of components	Single-component
Complete hardening at 20°C	7 days
Ph uni 8311	8,7 - 9,2
Min. Application temperature	+5 °c
Min. Consumption	0,180 kg/m ²
Solvents	None
Hazard classification 1999/45/CE e 67/548/CEE	None

WARNING

Professional use only.

Do not apply in case of imminent rain or on wet surfaces, fog and dew or with temperatures below + 5 ° C.

Handle with care and adopt the protections provided by law.

Equipment must be cleaned with water before hardening. Kimicover K80 must be handled with care: use gloves and goggles to avoid contact with skin and eyes: in case of contact with eyes, wash thoroughly with warm water and contact 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. All technical data shown in this Technical Data Sheet are based on laboratory tests. Actual measurement data may vary due to circumstances beyond our control. 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.

- Number of components: Single-component;
- Complete hardening at 20°C : 7 days;
- pH UNI 8311 : 8,7 - 9,2;
- Min. application temperature: +5 °C;
- Minimum consumption: 0,180 kg/m²;
- Hazard classification 1999/45/CE and 67/548/CEE: None;
- Solvents: None;
- Water vapour permeability film 700 µ in 24h (µ=1200)(S eq. air=0,84m): 35 g/m².

The product will be in possession of a certificate of conformity for type D asbestos removal operations.

TECHNICAL SPECIFICATIONS

SK29 -Encapsulation of "type d" asbestos-cement roofing, auxiliary to removal

Encapsulation of "type d" asbestos-cement roofing, auxiliary to the removal with Kimicover K80 monocomponent acrylic resin by Kimia S.p.A. or similar product, applied in a single spray coat, respecting an average consumption of about 0.15 Kg/sqm.

The low-viscosity, single-component acrylic copolymer latex with biocidal action, specifically designed to eliminate the aerodispersion of asbestos fibers during removal treatments will be prepared and applied by carefully following the instructions given on the technical data sheets provided by the manufacturer and must have the following features:

- Color contrasting with substrate: Blue;
- Solids content UNI 8309: 17 ± 1 %;
- Drying time ASTM D1640: 30 mins;
- Viscosity (at 20°C and 500r.p.m.) UNI 8490-3: 1 - 10 mPa·s;
- Apparent dry bulk EN ISO 2811 -1: 1,01 ± 0,05 g/cm³; Appearance: Fluid liquid;
- Dry film thickness: 20 µ;