

Acrylic resin specifically used to obtain elastic protective coverings,
CE marked accordingly to EN 1504-2

Description

Kimicover BLINDO is an acrylic single resin specifically used to obtain elastic protective coverings with excellent resistance to wear and atmospheric agents. Kimicover BLINDO allows to obtain flexible coverings which present better waterproof characteristics to both water and atmospheric aggressive agents such as sulphates, carbon dioxide, ozone, maintaining adequate vapour permeability. Once hardened the resin is transformed into a non-slip and non-reflecting surface, specially resistant to atmospheric agents, freezing and thawing cycles, acid rains and thawing salts.

The product, CE marked according to the EN 1504-2, is employed accordingly to the following principles: PI 1.3 (protection against entry by coating) and MC 2.3 (protection against moisture by coating).

Uses

- Anti-carbonation protection of cement structures
- Protective painting of facades with deteriorated plasters
- Reclamation works through encapsulation of asbestos cement structures, type "A", type "B" and type "C" as provided in Regulation of March 27 1992 n.257, DMS of September 6 1994, DMS August 20 1999
- Synthetic flooring of external sport facilities
- Finishing cycle of waterproofing systems made of elastometric resin Kimicover 501

Application

The supports, plasters, concretes and binders must be free of uneven parts and perfectly cleaned through sanded down and rinsed with abundant water to remove paint, grease, moss or lichen and flaking materials in general that would hinder the perfect adhesion of the product.

Kimicover BLINDO can be applied by brush, roller or airless pump on clean surfaces, free of detaching materials in general. It must be diluted with 10-15 of drinkable water.

Kimicover BLINDO is a single component formula that hardens in contact with air giving rise to chain reticulations. To avoid polymerizing problems, it is necessary to apply more than 1,5 kg/square metre, per eachy coat.

Kimicover BLINDO adheres perfectly well to all surfaces such as concrete, wood and binders.

On concrete flooring, apply a previous coat of Kimicover FIX

Packaging

Metal containers of 25 Kg, benches of 550 Kg
Plastic vats of 1.100 Kg

Availability

White- Pearl grey- Grey 7044- Cement grey- Green- Red

Storage

Keep out of freezing conditions.

Store at a temperature not lower than +5°C. In these conditions and in whole containers, the product's stability is 24 months

Compliance

Used within the lab in compliance with the specific regulation, the product has got through all tests under DM of August 20 1999 and fulfils all regulations' requirements.

The Certificate has been issued by the authorized lab under Act n.257 dated March 27 1992, DM of September 6 1994 and DM of August 20 and EEC directives

Characteristics	Value
Appereance	Monocomponente pronto all'uso
Odour	Caratteristico
Limit of operative temperature	-20 / +90 °C
Solid content UNI 8309	73 ± 1 %
Apparent volumetric mass UNI EN ISO 2811 -1	1,50 ± 0,05 g/cm ³
Viscosity (a 20°C e 20r.p.m.) UNI 8490-3	200 - 800 mPa·s
Exterior powder a +25°C	> 5 mins
Complete hardening	7 days
Minimum application temperature	+5 °C
Adherence secondo norma UNI EN 24624	5,1 MPa
Speeded up ageing UNI 9922 (1000 h.)	No defects
Resistance to cleaning UNI 10560	> 5000 cicli
Consumption per square metre: Minimum-Maximum Crowning type A, external view	500 -800 g/m ²
Consumption per square metre: Minimum-Maximum Crowning type B, internal view	400 -800 g/m ²
Consumption per square metre: Minimum-Maximum Crowning type C, bordering	350 -800 g/m ²

* Adherence tests (UNI EN 24624), accelerated aging (UNI 9922), resistance to washing (UNI 10560) were carried out on the resin Kimicover BLINDO applied with a coat of Kimicover FIX.

Caratteristica	Limiti EN 1504-2	Valore tipico
Bond strength by pull-off (UNI EN 1542) [MPa]	Flexible systems with trafficking >0,8 MPa; without trafficking >1,5 MPa.	2,2
Adhesion after thermal compatibility EN 13687-1 and EN 13687-2 [MPa]	Rigid systems with trafficking >1 MPa; without trafficking >2 MPa.	1,8
Permeability UNI EN ISO 7783-2	Clas I Sd < 5 m	Class I Sd 1,5 m
Liquid-water transmission rate (UNI EN 1062-3) [Kg/m ² ·h ^{1/2}]	< 0,1	0,09
Carbon dioxide permeability UNI EN 1062-6	Sd > 50 m	64 m
Artificial weathering UNI EN 1062-11	No defects	OK

Warning

Product intended for professional use.

There may be small differences in color between batches, therefore, if the product is used on large surfaces, organize the installation of the same material lot, or if not possible, apply for rooms or panels defined by lines dividing net.

The equipment used for the application and preparation of Kimicover BLINDO must be cleaned with water before hardening.

Avoid applying the product at temperatures lower than + 5°C, if it is foggy, if there is dew, if rain is forecast or on wet surfaces;The hardening of the product is slowed down at low temperatures (lower than +10°C). Do not apply Kimicover BLINDO in areas with puddles of water. Do not dilute the products with other solvents.

The information in this sheet is based on our experience and therefore we consider it to be exact. However they cannot be a guarantee from us for their use.lient will have to verify that the sheet is update and that the product is fit for its specific use.

