

Description

Kimicover 301 is a bicomponent polyurethane resin with excellent resistance to violet rays, atmospheric agents, chemical aggressions, tear and high temperatures (till 140°C). The product is transformed into a continuous film covering which is antiacid, waterproofing, anticarbonation, dust, wear proofing and decorative. It is supplied in two pre-measured containers (A+B) of which part A is over sized to allow an easy mixing in the container.

**Uses**

- Anti-carbonation and anti-corrosive product treatment for buildings in reinforced cement works which are subject to chemical corrosion, such as motorway bridges attacked by thawing salts, ports and chimeneys.
- Painting of swimming pools
- Protecting metal structures in general
- Antiacid protection for tanks and water purifying systems
- Dust proof, wear proof and antiacid treatment for flooring not subject to rising damp.

Application

Pour component 'B' (hardener) into component 'A' (resin), mix well with a low spill drill (200-300 ronds per minute) until a perfect amalgam is obtained, taking care not to incorporate air. In case of dividing mixing, respect the proportions in weight indicated on the packages. Kimicover 301 can be applied by brush, roller or airless pump on dry, clean and compact supports which are free from uneven parts in general. Iron surfaces must be sanded down; when painting industrial flooring, check carefully that there is no rising damp, then open the porosity using a mechanical cleaning method with an electric single brush and SOLUZIONE P then rinse with abundant water on dry supports. Apply one or more coats (maximum delay time among different coats: 24 hours), taking care to spread it evenly using a little material at time. If used for tanks, swimming pools and so on, wait at least 7 days before filling the tank.

Packaging

Metal Containers of 6,5 Kg (A+B)

Consumption

0,200 kg/m² per each coat.

Storage

Kimicover 301 should be kept away from moisture; Keep the containers sealed and airtight in a dry and sheltered place. In these conditions the products' stability is 24 months.

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 dividing lines. The product can be diluted with the maximum of 20% of its weight with Solvente EPOX. 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. Do not apply the product if rain is forecast, if it is foggy and on surfaces soaked with dew. The equipment used for the preparation and application of Kimicover 301 must be cleaned with Solvente EPOX before hardening starts. The product must be handled with care: use gloves, protective creams and goggles to avoid contact with skin and eyes. In the case of contact with the eyes, rinse with abundant water and consult a doctor. 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. The client will have to verify that the sheet is update and that the product is fit for its specific use.



Characteristics	Value
Minimum application temperature	+5 °C
Working temperature	-30 / +100 °C
Hardening at 20°C	24 h
Complete hardening a 20°C	7 days
Freezing time (200g a 20°C)	30 mins
Number of components	2 (A+B)
Viscosity (a 20°C e 20r.p.m.) UNI 8490-3	400 - 1000 mPa·s
Apparent volumetric mass UNI EN ISO 2811 -1	1,45 ± 0,05 g/cm ³
Available colours	Red, White, Green, Pearl Grey, Light blue, Cement Grey
Weight Bearing	24 h at 20°C