

CORUNEX

INDUSTRIAL
ADHESIVES

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TECHNICAL DATA

CORU PU-M 106



PRODUCT DESCRIPTION

CORU PU-M 106 is a two-component, polyurethane based primer developed for dry and damp surfaces.

AREAS OF USE

- In polyurethane and epoxy floor coating systems
- In insulation systems such as polyurea and polyurethane etc.
- As a primer on surfaces such as metal etc.

PRODUCT FEATURES

- It has low viscosity.
- It is red in color.
- It can be applied to damp surfaces.
- Provides adhesion to non-absorbent surfaces.
- It can be applied to mineral and cement based surfaces.

APPLICATION

Surface preparation: Mechanical surface preparation (blasting, rotaliger etc.) should be done. The dust layer formed should be swept with industrial vacuum cleaners, the surface to be applied should be solid, dry and clean. Any dust, oil, paraffin, bitumen and adherence reducing parts that will prevent adhesion to the surface should be cleaned and all loose parts such as mortar, plaster etc. should be cleaned from the surface. Concrete quality should be at least C20 / 25, 28 days old. The tensile strength of the reinforced concrete surface should be 1.5-N/mm², humidity rate should be 4%, and the ground surface temperature should be +0 °C. The success of the application depends on the correct preparation of the ground and the correct use of the material. Abrasion and roughening process is carried out with the method to be selected according to the condition of the surface. The surface is completely cleaned of dust with an industrial vacuum cleaner and made ready for application.

Mixing Method: CORU PU-M 100 is a two-component product supplied as a set according to the mixing ratio. In order to obtain a homogeneous mixture, care should be taken to ensure that the product temperature is between +15°C - +25°C. Considering the pot life of the two components, the amount to be consumed should be prepared in accordance with the mixing ratio (should be done with a precision scale). Component A (resin) should be mixed with a low-speed mixer and then component B (hardener) should be added, paying attention to the mixing ratio. Components A and B should be mixed with a low-speed mixer for at least 3 minutes until they become homogeneous.

Application: Packages that have been kept at room temperature (+15°C - +25°C) for 24 hours should be opened and mixed until a homogeneous consistency is reached. The mixing process must be done by selecting a low speed mixer and a suitable tip. CORU PU-M 100 is applied homogeneously to the surface with a fine notched trowel, short-haired roller or brush, controlling the material consumption. The material should be protected against water, rain, external factors and mechanical stresses until it sets. It should be kept in mind that the waiting period may be shorter in hot weather and longer in cold weather.

PACKAGING AND CONSUMPTION

- Component A: 13.5 kg Component B: 4.5 kg A+B Set20 kg set.
 - Depending on the surface condition; the pore structure of the ground, absorbency etc. may increase the consumption. It is recommended to make a test on the ground to control the consumption. Theoretical consumption as a primer: 0.300 kg/m² – 0.600 kg/m².
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STORAGE

- It should be protected from adverse weather conditions.
 - It should be stored in a dry, cool, closed environment (+10 oC and +25 oC).
 - The opened and mixed product should be consumed immediately.
 - It has a shelf life of 12 months in its unopened packaging, in dry places at a minimum temperature of +5 °C.
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THE GUARDIANS

- In closed areas, the application environment should be well ventilated.
- In cold weather, packages must be stored at least 24 hours and at min. +15°C before application.
- After application, the surface must be protected against water, rain, dew, snow, hail, frost and similar climatic effects until it is completely dry.
- Do not approach with open flame and do not smoke during application.
- Use gloves, goggles and protective clothing.
- In case of contact with skin, wash with soap and plenty of water.
- Do not swallow, do not use empty packages to store food, and do not throw them into fire.
- For professional use only, keep out of reach of children.