

Product Overview

It is a two-component primer material based on polyurethane, designed for application on both dry and damp surfaces.

Application Domains

- In systems for polyurethane and epoxy floor coatings
- As an introduction to metal and analogous surfaces.
- In insulation systems, including polyurea and polyurethane.

Technical Specifications

Intensity	1,00±0,05 gr/cm ³
Viscosity	30 – 60 cpu
Adhesion to Concrete	>4 N/mm ²
Application Temperature	+5° C & +35° C
Rupture/Expansion	>300
Tensile Strength	>30 N/mm ²
To the Primary Institution	3 – 6 Hours
Floor Acceptance Duration	6 – 12 Hours

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.

Advantages

- It possesses low viscosity.
- It is characterized by a red hue.
- Can be utilized on damp surfaces.
- It offers adhesion to non-absorbent surfaces.
- It is applicable to mineral and cement-based surfaces.

Surface Preparation

Mechanical surface preparation, including methods such as blastrack and rotatiger, must be conducted. The resulting dust layer should be removed using industrial vacuum cleaners, ensuring that the surface to be treated is sound, dry, and clean. It is imperative that the surface is devoid of dust, oil, paraffin, bitumen, and any particles that could compromise adhesion. Additionally, all loose mortar, plaster, and similar materials must be eliminated from the surface. The concrete quality should meet a minimum standard of C20/25 after 28 days. The tensile strength of the reinforced concrete surface should be 15 N/mm², with a moisture content of 4% and a surface temperature of +8°C. The success of the application is contingent upon proper surface preparation and the correct utilization of the material. Abrasion and roughening should be executed using the method chosen based on the surface condition. The surface must be thoroughly cleaned with an industrial vacuum cleaner and prepared for application.

Mixture

CLASS PUX-520 is a two-component product provided as a set in accordance with the specified mixing ratio. To achieve a uniform mixture, the product temperature must be maintained between +15°C and +25°C. Given the pot life of the two components, the quantity to be utilized should be prepared based on the mixing ratio (utilizing a precision balance). Component A (resin) should be blended separately with a low-speed mixer, after which component B (hardener) should be incorporated, ensuring adherence to the mixing ratio. Components A and B must be mixed for a minimum of 3 minutes with a low-speed mixer until a homogeneous consistency is achieved.



Application Details

- After being maintained at room temperature (+15°C - +25°C) for 24 hours, the packages should be opened and mixed until a uniform consistency is attained. Mixing should be conducted with a low-speed mixer and a suitable attachment. CLASS PUX-520 is to be applied evenly to the surface using a fine-toothed trowel, a short-bristled roller, or a brush, while monitoring material consumption. The material must be safeguarded against water, rain, external elements, and mechanical stress until it has fully set. It is important to note that the waiting time may be reduced in warm weather and extended in cooler conditions.



Consumption

Depending on the condition of the surface, factors such as the porosity and absorbency of the substrate may lead to increased consumption. It is advisable to perform a test on the surface to monitor consumption. Theoretical consumption for primer: 0.300 kg/m² - 0.600 kg/m².



PACKAGING

20 kg (A: 15 + B: 5) arranged in tin buckets.



Shelf life

It must be safeguarded against unfavorable weather conditions. It should be kept in a dry, cool, and sealed environment (between +10 °C and +25 °C). Once opened and mixed, the product should be consumed promptly. In its unopened packaging, it has a shelf life of 12 months when stored in a dry location at a minimum temperature of +5 °C.



Attention

- In applications conducted in enclosed spaces, the environment must be adequately ventilated.
- In cold weather, packaging should be maintained at a minimum temperature of +15°C for no less than 24 hours before application.
- Following application, the surface must be safeguarded against water, rain, dew, snow, hail, frost, and comparable weather conditions until it is entirely dry.
- Avoid using open flames and refrain from smoking during application.
- Don appropriate gloves, goggles, and protective attire.
- In the event of skin contact, cleanse thoroughly with soap and ample water.
- Do not ingest, do not utilize empty packaging for food storage, and do not dispose of in fire.
- For professional use exclusively. Keep out of children's reach.

