



Product Overview

It is a single-component, solvent-based, transparent primer composed of polyurethane, designed for application on all surfaces.



Application Domains

- Concrete, gypsum, cementitious panels, and timber surfaces.
- Primer for polyurethane-based waterproofing compounds.
- Moist and/or humid concrete surfaces,
- Non-porous surfaces,
- Metal, marble, and glass surfaces



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 is applied using a roller or brush.
- It is a single-component, ready-to-use solution.
- It possesses low viscosity.
- Can be utilized without implants.
- It facilitates rapid healing.
- It offers exceptional adhesion to porous surfaces, including concrete.
- It is based on a solvent.



Surface Preparation

Before application, all surfaces must be meticulously cleaned of any substances that may compromise adhesion, including oil, loose cement particles, paraffin, grease, surfaces treated with mold release agents, and previously applied membranes. If necessary, all surfaces should be washed with pressurized water and thoroughly dried. Any surface damage should be addressed with suitable repair products. Depending on the condition of the surface, abrasion and roughening should be carried out using the selected method. The surface is then completely dusted with an industrial vacuum cleaner, preparing it for application.



Mixture

CLASS PUX-510 is a single-component, ready-to-use formulation. To achieve a uniform mixture, the product temperature must not fall below 15°C. Prior to application, the material should be thoroughly blended using a low-speed mixer.



Application Details

CLASS PUX-510 is uniformly applied in a single coat to the pre-prepared surface using a roller or brush. It may be applied in one or two coats until the surface is saturated and a layer is established. After 24 hours at room temperature (+15°C - +25°C), open the packages and mix until a homogeneous consistency is attained. Mixing should be conducted with a low-speed mixer and an appropriate attachment. Polyurethane insulation material or mastic should be applied 2-3 hours after the initial application (while the primer surface remains tacky). The top coat must be applied to the primed surface within a maximum of 24 hours. Avoid application on wet or damp surfaces. The material must be shielded from water, rain, external factors, and mechanical stress until it has cured. It is important to note that the waiting time may be reduced in hot weather and extended in cold 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: 0.150 kg/m² – 0.300 kg/m².

PACKAGING

4 kg tin
20 kg tin

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.