



Product Overview

It is a single-component, polyurethane-based liquid substance. Its application is straightforward, providing a cost-effective waterproofing system with uncomplicated solutions. It adheres firmly to various surface types, creating a highly elastic membrane.



Application Domains

- Roofs and terraces,
- In the insulation of roof and rain gutters,
- Waterproofing of spaces including bathrooms, kitchens, and balconies (beneath cladding),
- In current applied polyurea repairs,
- In lightweight roofing constructed from metal and fiber materials
- It is applicable to concrete, wood, and metal surfaces when paired with an appropriate primer.



Technical Specifications

Colour	White, Gray
Flash Point	>40oC
Walkable Duration	8-12 Hours
Viscosity	4000-7000
Re-laying	8-12 Hours
Hardness (seven days)	60-65 Shore A
Tensile Strength	>3 N/mm ²
Elongation at Fracture	>%600

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 a cold application technique that can be effortlessly applied using a roller, trowel, or brush.
- It can be utilized without implants.
- It possesses significant elasticity.
- Ready for use.
- It remains unaffected by the water that accumulates on its surface.
- It remains unaffected by adverse weather conditions.
- Appropriate for light foot traffic.
- It maintains its physical properties within a temperature range of -30°C to +90°C.
- It is repairable.
- It offers exceptional adhesion to the surface to which it is applied.
- It offers significant resistance to chemicals.
- It possesses significant elongation, tensile strength, tear resistance, and abrasion resistance.



Surface Preparation

Mechanical surface preparation (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 must be devoid of all dust, oil, paraffin, bitumen, and any particles that could impair adhesion, and all loose mortar, plaster, etc., must be eliminated from the surface. Bevels (approximately 4x4 cm) should be created on the edges and corners. The concrete quality should be a minimum of C20/25 and at least 28 days old. The tensile strength of the reinforced concrete surface should be 1.5 N/mm², with a moisture content of 4% and a surface temperature of +8°C. Relative humidity should be measured and maintained below 85%. The success of the application is contingent upon proper surface preparation and the correct utilization of the material.



Mixture

It is a single-component, ready-to-use formulation. To achieve a homogeneous mixture, the product temperature must not fall below 15°C. Prior to application, the material should be mixed until uniform using a low-speed mixer (300-400 rpm) and an appropriate attachment.



Application Details

CLASS PUX-740 can be applied using a roller, fine-toothed trowel, spray machine, or brush. The initial coat should be uniformly applied to the surface with the selected method. The subsequent coat is to be applied using the same technique approximately 12 hours later. The interval between coats must not exceed 24 hours. Should the time between coats surpass 24 hours, the surface of the first coat must be sanded. The material must be safeguarded from water, rain, external elements, and mechanical impact until it is completely cured. It is important to note that curing time may be reduced in hot weather and extended in cold conditions.



Consumption

1 – 1,5 kg/m²



PACKAGING

20 kg tin



Shelf life

It must be safeguarded against unfavorable weather conditions. It should be kept in a dry, cool, enclosed environment (between +10°C and +25°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.