

CLASS PUX-750

Two-component, solvent-free polyurethane waterproofing compound.



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Product Overview

It is a two-component, polyurethane-based, continuously elastic, solvent-free waterproofing material suitable for application on surfaces including concrete, wood, and metal, and it exhibits high UV resistance.



Application Domains

- Indoors and outdoors
- In potable water reservoirs
- In foundation and foundation curtain wall concrete,
- For applications involving terraces, roofs, and balconies,
- In roofing gutters, prefabricated concrete channels and troughs,
- In humid regions,
- It is applicable to a variety of surfaces, including concrete, plaster, screed, wood, metal, and sheet metal.



Technical Specifications

Colour	White, Gray, Beige
Appearance	Liquid
Intensity	1,40 Kg./Lt.
Application Temperature	+5 °C, +30 °C
Inter-floor Waiting Area	8 Hours
Mixing Duration	Max. 30 DKK

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 exhibits significant adhesive strength following both initial and final curing processes.
- It exhibits exceptional chemical resistance and is impervious to a range of solvents and acids.
- Initially, the product exhibits a high degree of elasticity, which diminishes to its peak level within seven days; however, it never entirely forfeits its elasticity.
- It can be executed using a file.
- It adheres effectively to metal, stone, wood, and concrete surfaces, offering an excellent coating.
- It is resistant to ultraviolet rays.
- It is appropriate for the insulation of underfloor heating systems.
- It is resilient.
- It is devoid of solvents.



Surface Preparation

The surface must be devoid of dust, oil, paint, dirt, silicone, and any other substances that may hinder adhesion. Highly absorbent surfaces should be dampened and maintained in a moist state throughout the application. It is essential to ensure that no water collects on the surface during the moistening process.



Mixture

The hardener in the small container is combined with the primary material in the large container and stirred using a low-speed mixer or drill until the mixture achieves homogeneity. Once homogeneous, the material can be applied to the surface. Approximately 30 to 45 minutes after mixing, the material will have developed an irreversible gel.



Application Details

New concrete surfaces or dusty surfaces with low adhesion must be primed with polyurethane-based CLASS PUX-510 prior to application. The primed surface should be allowed to cure for 24 hours. The material, mixed and homogenized using a low-speed mixer or drill, is to be applied to the primed surfaces with a fine-toothed comb, trowel, short-haired roller, brush, or an appropriate spray method. Application should occur in a minimum of two coats, with three being preferable. A waiting period of approximately 8 hours should be observed between coats before applying the second coat, contingent upon the air temperature. This waiting period may be reduced in extremely hot conditions and extended in extremely cold conditions. If ceramic tiles are to be installed subsequently, after the final curing is complete, a thin layer of CLASS PUX-750 should be applied, and sifted dry sand should be sprinkled while the layer remains fresh and wet.

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Consumption

Minimum 1.30–1.50 kg/m² (Consumption may fluctuate based on the soil type.)



PACKAGING

20+4 kg tin collection



Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location away from sunlight, at temperatures ranging from +10°C to +25°C.



Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life, may result in prolonged detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with abundant water.

S29: Do not release into the sewage system.

S46: In the event of ingestion, seek medical attention promptly and present the container or label.

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