

BPU-6301

Single-component waterproofing formulation derived from bitumen and polyurethane.



Product description

A single-component elastic waterproofing compound formulated with bitumen and polyurethane, incorporating a solvent.



Application Areas

Indoor and outdoor.

- Cement screeds, plaster formulations, exposed concrete,
- Antiquated ceramic, metal, bitumen, and acrylic coatings. For application on alternative surfaces, please reach out to us.



Technical specifications

Drying the surface.	5-6 seconds
Hardness	40 (ASTM D 2240)
Adhesion to concrete surfaces	1.0 N/mm ² (ASTM D 903)
Tensile strength of materials	4.5 N/mm ² (DIN 52455)
Resistance to moderate foot traffic	24-48 seconds
Elongation at fracture	>%600 (DIN 52455)
Tensile strength	15 N/mm ² (ASTM D 624)

The information presented in this technical data sheet is derived from data collected during testing. The user assumes full responsibility for the proper use of our original product. Our company is exclusively accountable for the product's quality. This data sheet supersedes the information found in the prior data sheet. Our company retains the right to modify any information included in this data sheet.



Advantages

- Effortless and efficient to utilize
- Seamless monolithic insulation
- A convenient sequence of use provides a straightforward resolution to complex issues.
- Retains its mechanical properties even under extreme climatic conditions.
- Frost resilience
- Resistance to detergents, oils, seawater, and domestic chemicals



Preparing the foundation

Surface preparation is a critical step in achieving optimal strength and aesthetics. The surface must be clean, dry, smooth, sound, and devoid of contaminants that could compromise primer adhesion. The moisture content of the substrate to which the concrete is applied must not exceed 5%. Compressive strength should be a minimum of 25 MPa, and bond strength must reach 15 MPa. Freshly poured concrete must cure for at least 28 days. Existing coatings, dirt, and organic matter must be eliminated from the surface through grinding or shot blasting. Substances such as oil and grease must be thoroughly removed. Surface irregularities must be rectified. Loose particles and dust produced during grinding must be cleared from the surface.



Mixture

BPU-6301 should be stirred for a minimum of 2 to 3 minutes.



About the Application

BPU-6301 must be applied uniformly across the entire primed surface using a brush or roller. When applying two coats, the dry film thickness of each coat should not surpass 0.6 mm.

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Consumption

14-20 kg/m²



PACKAGE

A can with a weight of 20 kg



Shelf life

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



Attention

Avoid application in environments where ambient temperatures fall below 5°C or exceed 30°C. Refrain from applying in direct sunlight, rain, or windy conditions. Do not apply to surfaces that have been subjected to prolonged sunlight exposure, nor to frozen surfaces or those 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 long-term detrimental effects in the aquatic ecosystem.

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

S7: Store in a tightly 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 discharge into drains.

S46: If ingested, seek medical attention promptly and present this container or label.