BAUMERK®
CONSTRUCTION CHEMICALS

PU-B 2K

Polyurethane - Bitumen Based, Two Component, Liquid Waterproofing Material

(side text, vertical) Terrace, Balcony and Wet-Damp Floor Waterproofing Products

Description

PU-B 2K is a polyurethane-bitumen based, two component, fast curing, super elastic liquid waterproofing and coating material.

Fields of Application

- Excellent adhesion on different kind of surfaces, such as concrete, mosaic, metal, galvanized, asphalt etc.
- On basements, foundations, bridges platforms, irrigation channels,
- On underground construction,
- On old bituminous or EPDM membranes,
- Polyurethane insulation boards,
- Balconies, terrace, flower pots and roof-top gardens,
- Outer surface of non-potable water tanks,

Features and Benefits

- Fast curing.
- Has high adhesion performance on wide variety of surfaces.
- Retains elasticity even at low temperature. Elastic properties prevent the cracks on the surfaces that it is applied.
- Resistant to very high and low temperatures.
- Excellent mechanical resistance, crack bridging performance, tensile and tear strength.
- Excellent chemical resistance.

Technical Data

Content:	Polyurethane:bitumen based
Color	Black
Viscosity:	2500-3500 cP (mixture)
Density:	0,98 g/cm^3
Shore A Hardness:	35
Tensile Strength at Break:	>2,2 N/mm^2
Elongation at Break:	>2000 %
Pot Life:	30 min. at 25°C

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Recoat Time:	6-24 hours
Curing Time	2 hours
HS Code:	3208.90.91.00.23

Application Procedure

Preparation of Substrate

The surface should be washed and clean of all contaminant such as oil, grease, wax etc. Loose particles, cement laitance, release agents, cured membrane must be removed from the surface. Surface must be completely dry. Humidity on surface must be maximum 4%. For on fresh concrete application, needed minimum 28 days for curing concrete. Surface must be primed with PU 101 A or EPOX PR 100.

Application Method

A ve B components must be mixed under low stir mixer until homogenous mixture is obtained. Material is applied by a brush, roller or spatula. Mixed material pot life is 30-45 minutes. At least two coat application is recommended

Consumption

At least 1,00-1,50 kg/m^2

Packaging

15 kg A Component + 15 kg B Component = 30 kg set
20 kg A Component + 20 kg B Component = 40 kg set

Shelf Life

12 months in original, unopened package.

Storage

Store in dry area between +5°C and +25°C. Protect from heat, freezing and direct sunlight.

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Cleanup Information

Clean tools and equipment with industrial type solvents immediately after use. Dried material can only be removed mechanically.

Cautions / Limitations

- It may be harmful with skin contact.
- Application area must be well ventilated.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +25°C.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.

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