

PUR IN 24

Polyurethane Based, Two Component, Injection Resin

Description

PUR IN 24 is a polyurethane based, two component injection system which reacts with water quickly and increases system's volume 10-15 times.

Fields of Application

- To stop water leakage from cavities and cracks of concrete walls and floors of tunnels, bridges, sheet piles and similar constructions.
- To insulation of cold joints,
- On water tanks and swimming pools,
- To insulation of interior basements.

Features and Benefits

- Stops water leakage on applied surface, provides water isolation.
- Fills the holes of system without lose volume.
- Safely used in moist concrete.
- Blocks negative water flow.

Technical Data

Content	Polyurethane based
Color	Brown / Yellowish
Density	1,1 – 1,16 g/cm ³
Mixing	20 kg A component : 4 kg B component
Flash Point	>100°C
Application Temperature	+10°C to +30°C
Drying Time	
<i>Touch dry</i>	<i>20-30 minutes</i>
<i>Full curing</i>	<i>7 days</i>
<i>Foam Expansion</i>	<i>15 sec</i>
HS Code	3208.90.91.00.23

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Application Procedure

Preparation of Substrate

Prior to the injection, the cracks to be worked on are sealed using **EPOX** repairing mortars. Along the course of the cracks, holes are drilled at a distance of 10 to 15 cm to each other on alternating sides of the crack. Packers are inserted into the injection holes and (if possible) injected proceeding from the bottom to the top. The diameter of the holes depends on the packers used.

Application Method

Component A and B are stirred separately under low speed mixer. Then Component B is added slowly into the Component A under low speed mixer and mixed together approximately 3-4 minutes till a homogenous mixture is obtained. **PUR IN 24** is injected using a mechanical pump under low pressure. When low viscosity liquid mixture is applied, it expands rapidly and it becomes a solid foam within approximately 45 seconds.

Consumption

Depends on usage area.

Packaging

A component: 20 kg + B component: 2 kg = 22 kg set

Shelf Life

12 months in original, unopened package.

Storage

Store in dry area between +15°C and +25°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

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

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Cautions / Limitations

- It may be harmful with skin contact.
- 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 +10°C and above +30°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.