

PUR 115

Polyurethane Based, Transparent, Waterproofing Material

Description

PUR 115 is an aliphatic polyurethane-based, UV resistant, single component, permanent elasticity, transparent waterproofing coating material. Due to the special curing system (triggered by the moisture) of **PUR 115**, it does not create bubbles during the curing.

Fields of Application

- Suitable used on polyurethane based waterproofing materials as a topcoat to protecting waterproofing, giving decorative appearance, maintaining brightness of the surface and preventing dust formation.
- On balconies and terraces,
- On glass with reinforced glassfiber and mesh,
- On glass brick and walls,
- On natural stone, transparent plastic,
- On wood and bamboo surface to waterproofing.

Features and Benefits

- Excellent adhesion performance.
- High UV resistant, long life.
- Has abrasion and wear resistant.
- Single component, ready to use elastic material.
- Prevents color fading and dust formation on polyurethane waterproofing materials.
- Forms bright and easy to clean surface.
- Resistant to water and deicing salts.
- Suitable for pedestrian traffic after curing.
- Forms uniform structure without connection edges.

Technical Data

Content	Aliphatic polyurethane
Color	Clear
Density	1,00 ± 0.03 g/cm ³
Hardness	60 Shore A (ASTM D 2240)
Elongation	≥250 % (DIN EN ISO 527)
Heat Resistance	-20°C to +80°C

PUR 115

Polyurethane Based, Transparent, Waterproofing Material

Application Temperature	+5°C to +35°C
Surface Curing Time	8-12 hours (23°C and %50 R.H) (ASTM C679)
Ready for Foot Traffic	24-36 hours (23°C and %50 R.H) (ASTM C679)
Full Curing	7 days (23°C and %50 R.H)
HS Code	3208.90.91.00.23

Application Procedure

Preparation of Substrate

The application surface must be dry, clean and free from all types of grease. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

Application Method

Material is ready to use. After mix well the material, it should be applied roller (solvent resistant roller-non fuzzy roller), brush (thick haired brush) or sprayer (pressure: ~ 200 - 250 bar, nozzle: 0.38mm - 0.53mm, angle: ca. 50 – 80°).

Layer thickness is recommended as 1 mm thickness. 3th coat application is recommended for better waterproofing and obtaining weather resistance. Layer thickness of system: approx. 0.6 mm. If necessary, additional coats can be applied. For a final layer thickness of 1.5 - 1.7 mm minimum 4 – 5 coats are required. The product can be over coated with itself.

PUR 115 may form a slippery surface when wet. For non-slippery surface formation, 0.1-0.3 mm quartz may be applied during curing

Consumption

0,75-1,0 kg/m² for each layer. Recommended at least 2 layers application.

Packaging

15 kg metal pail

Shelf Life

9 months in original, unopened package.

Storage

PUR 115

Polyurethane Based, Transparent, Waterproofing Material

Store in dry area between +5°C and +35°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.

Cautions / Limitations

- The elastic properties are maintained at temperatures down to -20°C and up to +80°C.
- 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 +5°C and above +35°C.
- Avoid heavy traffic for 24 hours.

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.