Waterproof

weberdry PUR seal

Polyurethane based, UV resistant, super elastic waterproofing product

Advantages

- Does not soften in the summer, nor harden in the winter.
- Resistant to pedestrian traffic with mechanical resistance
- Crack bridging over 2 mm even at low degrees
- Easy application with airless spray or roller
- Able to solve the complex details with comfort with its easy application consistency
- Resistant to detergents, oils, sea water and domestic chemicals.

Description

Aliphatic polyurethane based, one component, ready to use, UV resistant, pedestrian traffic resistant, super elastic top coating and protection product.

Range of application

Used as a waterproofing and protection material for flat roofs, terraces, balconies, autopark, bridge decks and similar areas. Additionally, used as a waterproofing for wet duty areas, fields requires root resistance and renovation of old waterproofing membranes

Application substrates

- Cement based screeds, renders and concrete.
- Glass, metal, and wooden surfaces. (with **weberprim EP 2K**).
- Old tiles, bitumen, and acrylic membranes (with **weberprim EP 2K**)
- Polyurethane foam.
- Please consult us for other application substrates.

Final coat options

- **weberdry PUR coat, weberdry PUR coat traffic** and similar polyurethane based colored or transparent top coatings.
- Decorative silica sand types.

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Limitations

- Never apply on the substrates where humid rate is over 5 %.
- Never apply on fresh concrete substrates.

Application properties

- Applicable coats : 2-3 layers
- Time between the coats : Min 12 hours; max 36 hours
- Time for rain resistance : 4 hours
- Time for light pedestrian resistance: 12 hours
- Full drying time : 7 days

Performance

- Composition : Polyurethane
- Service temperature : -30˚C and +90˚C
- Shore A hardness : 60 (ASTM D 2240)
- Adhesion to concrete : > 1.5 N/mm^2 (ASTM D 903)
- Crack bridging : (-10˚C) > 2 mm (EOTA TR 008)
- Elongation at break: > 750% (DIN 52455)
- Tensile strength : > 4 N/mm^2 (DIN 52455)
- Vapor Permeability : 20 $gr/m^2/gun$ (ISO 9932-91)
- Material Fire Class : B2 (DIN 4102-1)
- Complies to ETAG 005 values

Attention points

- Application area humid rate should not exceed 5%
- For ideal usage the substrate compressive strength should be minimum 25 MPa and adhesion strength should be minimum 1.5 Mpa.
- Priming by using **weberprim EP 2K** should be done prior to the application
- Product should be kept away from fire sources and should not be approached with cigarettes.
- While application, use protective gloves and goggles, avoid eye and skin contact. In case of eye or skin contact, wash with plenty of water immediately and consult a doctor.
- There should be enough air ventilation at the application area.
- Applied product might tend to slightly yellow upon exposure to UV. This effect is purely optical and does not affect the mechanical properties of the products nor its performances. In order to avoid this, you should cover with **weberdry PUR coat** or **weberdry PUR coat traffic** as top coat

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Substrate Preparation

- Substrates should be clean, dry, smooth and sound.
- Non smooth substrates should be repaired and smoothened with **weberep repair mortar GP.**
- Dilatation joints on application substrates should not covered with **weberdry PUR seal**, the continuity of the waterproofing at these points should be ensured with **webertape BE14.**
- In order to ensure continuity of waterproofing, vertical and horizontal edges should be beveled with **weberep repair mortar GP** or other appropriate product and supported with **webertape BE14.**
- The major deformations and holes on substrate should be repaired with **weberep repair mortar GP**.
- Absorbent surfaces such as cement based,old tile, metal, bitumen, and acrylic membrane surfaces should be primed with **weberprim EP 2K**.

Conditions of application

- Substrate and ambient temperature should be between +10˚C and +35˚C.
- Avoid application in very damp and/or hot weather.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

Application

- Prior to the application **weberdry PUR seal** should be mixed well and applied with brush, roller, or airless spray on primed surface. If the application area is horizontal, it could be poured on the surface then can be applied with roller or brush.
- Thin cracks, joints, corners, and edges should be supported with **weberdry fleece** after the first coat application. **weberdry fleece** should be applied on the entire substrate on terrace roofs after the first coat application.
- Application should be minimum 2 layers, It should be waited for min 12 hours between the coats (should not exceed 36 hours).
- **weberdry PUR coat or weberdry PUR coat traffic** should be applied as a last coat forpermanent color, decorative appearance and high resistance.

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Consumption	Average 1.5 - 2.0 kg/m^2 (with 2 or 3 layers).
Packaging	25 kg metal bucket.
Color	White, Grey.
Application tools	Brush, roller, spray.
Shelf life	• 12 months from the production date in dry and moisture free ambient. Storage temperature should be between +5˚C and +30˚C. • Package should be kept tightly closed when not in use. Package should be protected against frost and heat.