# weber.dry PUR seal

**Polyurethane based waterproof coating that is highly elastic and UV light resistant.**

**Technical Data Sheet**
Issued on:
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**Description**
Waterproof coating that is super elastic, polyurethane based, single component, ready to use, and UV light resistant.

**Advantages**
- Will not soften at hot environment, will not harden at cold environment.
- Can take light pedestrian traffic.
- Crackbridging more than 2 mm, even at low temperature.
- Can be applied easily using roller or airless spray.
- Can be applied on a complicated detail, with easy and consistent application.
- Resistant towards detergent, oil, sea water and chemicals.

**Application**
Used for waterproof and protection coating for concrete roof, terrace, balcony, parking area, bridge, other similar areas. On top of that, it is used as waterproof coating on wet area, field where needs root resistant and reparation on the old/existing waterproof coating.

**Application Substrate**
- Screed, plaster, render, concrete and cementitious substrate.
- Glass surface, metal and wood (must be primed with **weber.prim EP 2K**)
- Existing tile, bitumen, and acrylic layer (must be primed with **weber.prim EP 2K**)
- Polyurethane foam.
- Please consult to us for other application substrates.

**Finishing Coat Choices**
- **weber.dry PUR coat** and other similar type of polyurethane top coat, either colorful or transparent.
- Type of decorative silica sand.

**Limitation of Application**
- Do not apply on the substrate with moist level above 5%.
- Do not apply on the new concrete substrate (minimum 28 days concrete).

**Application Guidelines**
- Number of application layer : 2 - 3 layers
- Waiting time between layers : Min. 12 hours; Max. 36 hours
- Waiting time for rain resistant : 4 hours
- Waiting time for light pedestrian traffic : 12 hours
- Full drying time : 7 days

**Technical Data**
- Composition : Polyurethane
- Service Temperature : -30°C until +90°C
- Shore A Hardness level : 60 (ASTM D 2240)
- Bonding strength with concrete : >1,5 N/mm$^2$ (ASTM D 903)
- Crackbridging : (-10°C) minimum 2 mm (EOTA TR 008)
- Elongation at break : > % 750 (DIN52455)
- Tensile strength : > 4 N/mm$^2$ (DIN 52455)
- Vapor permeability : 20 gr/m$^2$ /gun (ISO 9932-91)
- Fire class material : B2 (DIN 4102-1)
- Fulfill the requirement of Etag 005 standard value.

**Things to Consider**
- Moist level of application area cannot be more than 5%.
- Ideal application is on substrate minimum 25MPa and strength adhesion strength of 0,7 MPa.
- Primer must be applied before the product application.
- Keep the product away from fire source while in storage and do not approach the product while smoking.
- During the application, wear protective gloves and goggles, avoid direct contact on eyes and skin. If there is contact on eyes and skin, rinse with a lot of water, immediately consult to doctor.
- Working area must have sufficient air ventilation at application area.
- The applied product tend to be yellowish if exposed to UV light. This effect is purely optical and doesn't affect the mechanical property and even the performance. To avoid this condition, it is advised to apply **weber.dry PUR coat** as the top coat.

**Substrate Preparation**
- Substrate must be clean, dry, flat/smooth and stable/solid.
- The uneven substrate must be repaired and flattened with **MU-830 PatchCrete**.
- Coating on the dilatation joint must be done using recommended method, for more detail can be read at application method.
- To ensure the water resistant continuity, the vertical and horizontal joint must be coated with **MU-830 PatchCrete** or **weber tape.BE14**.
- If there are severe deformation and holes on the substrate, it should be repaired using **MU-800 FixGrout.**
- The permeable surface like cementitious material, existing tile, metal and acrylic membrane and bitumen must be primed using **weber.prim EP 2K.**

**Application Condition**
- Substrate and ambient temperature must be between +10°C and +35°C.

**Application**
- Before the application, **weber.dry PUR seal** must be mixed evenly and applied using brush, roller or airless spray on the surface that has been applied with primer. If the application area is horizontal, it can be poured on the surface and then applied using roller or brush.
- Small crack, joint, corner and edge must be supported with fleece after the first layer application. Fleece should be applied on the substrate surface, roof deck after the first layer.
- The application must be done at minimum 2 layers and let it settled for at least 12 hours between layers (not more than 36 hours).

- Recommended to apply weber.dry PUR coat as finishing coat to get permanent color, decorative appearance, and high resistant.

**Consumption**
Average 1,5 – 2,0 kg/m$^2$ (2 or 3 layers).

**Packaging**
25 kg metal pile.

**Color**
Gray.

**Application Tools**
Brush, roller, sprayer

**Storage Time**
- 9 months after the production date in dry and free from moist with room temperature between +5°C and +30°C.
- Packaging must always be sealed when it is not used.
- The packaging should be kept away from frost.