

weber.dry PUR seal

Polyurethane based, UV resistant, super-flexible waterproofing product

Technical Data Sheet

Issued On: 02.12.2019

Revision No: 003

■ Description

Polyurethane based, single component, UV resistant, super-flexible waterproofing product.

■ Reference standards

ETAG 005

CE

■ Advantages

- Does not soften in summers, does not harden in winters
- Resistant to pedestrian traffic with its mechanical strength
- More than 2 mm of crack bridging even in low temperatures
- Easy application using airless spray or roller
- Easy application consistency, easy solution for complex details
- Resistant to detergents, oils, saltwater and domestic chemicals

■ Application areas

Used for waterproofing and protecting on horizontal terraces, roofs, balconies, car parks, bridge upper sections and similar areas of all buildings. Also used as waterproofing material for wet areas, areas requiring plant root resistance and repairing old waterproof coatings.

■ Application substrates

Interiors and exteriors;

- Cement based screeds, renders and concrete
- Glass, metal and wooden substrates (with **weber.prim EP 2K**)
- Old tilings, bitumen and acrylic coatings (with **weber.prim EP 2K**)
- Polyurethane foam

Please consult us for all other application substrates.

■ Limits of application

- Should not be applied on substrates with more than 5% humidity.
- Should not be applied on fresh concrete substrates.

■ Preparation of substrates

- The substrate should be clean, dry, smooth and sound.
- Major deformations and holes on the substrate should be repaired at least 24 hours before **weber.dry PUR seal** application using **weber.rep MA 200**; where quick application or sulphate resistance is needed, **weber.rep HKS** should be used instead.
- Dilatation joints on application substrates should not be covered with **weber.dry PUR seal**; **weber superflex** dilatation tapes should be used instead to ensure the continuity of waterproofing.
- Vertical and horizontal edges should be beveled to ensure continuity of waterproofing layer using **weber.rep MA 200**; where quick application or sulphate resistance is needed, **weber.rep HKS** should be used instead.
- Absorbent substrates like cement based ones and wood; and glass, metal, old tiling, bitumen, acrylic coated substrates should be primed using **weber.prim EP 2K**.

■ Application conditions

- Substrate and ambient temperature between +10°C and +35°C.
- Avoid application in hot and/or damp weathers.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Application

- **weber.dry PUR coat** should be mixed well before use and applied on primed substrate using brush, roller and spray. If the application substrate is horizontal, product can be poured and applied using roller or brush.
- Thin cracks, joints, corners and edges should be supported using **weber geokeçe** after the first coat application. **weber geokeçe** application should cover the entire substrate after the first coat on terrace roofs and similar applications.
- Application should be at least in 2 coats and at least 12 hours should be waited between the coats (waiting time should not exceed 36 hours).
- **weber.dry PUR coat** should be used for permanent colour, decorative look and high strength.

■ Application tools

Brush, roller, spray

■ Consumption

1.5-2.0 kg/m² (for 2 or 3 coats of application)

■ Points of attention

- Humidity of the application substrate should not exceed 5%.
- For an ideal application, compressive strength of the substrate should be minimum 25 Mpa and adherence strength should be minimum 1.5 Mpa.
- Priming application should be made prior to the application.
- The product should be kept away from fire sources and should not be approached with cigarette.
- Use gloves and glasses during the application, avoid eye and skin contact. In case of contact with eyes and skin, rinse immediately with plenty of clean water and seek medical attention.
- Make sure the application area has sufficient air flow.
- The applied product may turn yellow in time if exposed to UV rays. However, the colour change is just visual and has no affect on mechanical features and product performance. To avoid this, should be covered with **weber.dry PUR coat** as topcoat.

■ Technical specifications

PRODUCT	weber.dry PUR seal
Product structure	Polyurethane
Colour	White, grey
Applicable coats	2-3 layers
Time required between coats	Minimum 12 hours; Maximum 36 hours
	4 hours
Time for light foot traffic	12 hours
Full curing time	7 days
Service temperature	Between -30°C and +90°C
Hardness (shore A)	60 (ASTM D 2240)
Adherence 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)
Vapour permeability	20 g/m ² /day (ISO 9932-91)
Reaction to fire	B2 (DIN 4102-1)

■ Storage

Packaging	25 kg metal bucket
Colour	White, grey
Shelf life	<ul style="list-style-type: none">• 12 months from date of manufacture when stored away from direct sunlight, in a dry and cool environment.• Storage temperature should be between +5°C and +30°C.• Packages should be kept tightly closed when not in use.• Packages should be protected against frost.

■ Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information.

LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.

Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.



Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.
Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No:284 • 35730 Kemalpaşa • İzmir • Türkiye
Tel: +90 (232) 397 07 00 • www.tnweber • info@weber.com.tr • Çözüm Hattı 444 6 990

