



weberdry PUR coat



Suitable a UV resistant top coat over surfaces exposed to sunlight to provide glossy, color-stable and non-chalking finish.

- 
EASY TO APPLY
- 
TRAFFIC RESISTANT
- 
ROLLER APPLICATION
- 
CHEMICAL RESISTANT
- 
BRUSH APPLICATION
- 
**5% MAX
MAXIMUM MOISTURE CONTENT**

Product description

weberdry PUR coat is pigmented, color and UV-stable, highly permanent elastic, cold applied and cold curing, one component aliphatic polyurethane coating, used as a top-coat for protection above exposed polyurethane waterproofing coatings.

Cures by reaction with ground and air moisture over a unique moisture triggered chemical reaction.

Advantages

- Simple application (roller or airless spray).
- One component.
- Increases the abrasion and wear resistance of the waterproofing membrane underneath.
- Provides high sun reflectivity, contributing to thermo-insulation.
- UV and Color stable.
- Gives a glossy and easy-to-clean surface.
- Does not show the chalking effect of aromatic polyurethane coatings.
- Resistant to water, heat and frost.
- Maintains its mechanical properties over a temperature span of -40°C to +90°C.
- The waterproofed surface can be walked on (domestic pedestrian traffic).

Uses

Protection layer especially designed for waterproofing coats in following application:

- Waterproofing of roofs.
- Waterproofing of balconies, terraces and verandas.
- Waterproofing of pedestrian decks and walkways.
- Protection of polyurethane foam insulation.

Used over the waterproofing coats **weberdry PUR seal**, **weberdry PUR basic**, **weberdry PUR seal aqua** on surfaces, with normal pedestrian

traffic (e.g. roofs, terraces, balconies, etc.) that require a glossy, color-stable and non-chalking finish.

Method of application

Surface preparation

- Careful surface preparation is essential for optimum finish and durability.
- The surface needs to be clean and sound, free of any contamination, which may harmfully affect the adhesion of the primer.
- Maximum moisture content should not exceed 5%. Substrate compressive strength should be at least 25 MPa (N/mm²), cohesive bond strength at least 1.5 MPa (N/mm²). Old coatings, dirt, organic substances and dust need to be removed by a grinding machine.
- Oil or grease contamination must be cleaned substantially. Possible surface irregularities need to be smoothed. Any loose surface particles and grinding dust need to be thoroughly removed.

WARNING: Do not wash surface with water!

Waterproofing membrane

Refer relevant weber product datasheet.

Top coat

- Stir weberdry PUR coat well before using.
- Apply by roller, brush or airless spray in one or two layers.
- Allow 3-6 hours (not more than 36 hours) to cure, between two layers.

For best results, the temperature during application and cure should be between 5°C and 35°C. Low temperatures retard cure while high temperature speed up curing. High humidity may affect the final finish.

WARNING: weberdry PUR coat is slippery when wet. In order to avoid slipperiness during wet days, sprinkle suitable aggregates onto the still wet coating to create an anti-slip surface. Please contact our weber technical services for more details.

WARNING: If on the surface where weberdry PUR system is applied, there are areas with ponding water, they should be cleaned on regular basis to avoid biological and microbial attack.

Consumption

120-250 gr/m² in one or two layers.

This coverage is based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required may alter consumption.

Colors

weberdry PUR coat is supplied in white, light grey and brown-red.

Other RAL colors may be supplied on demand.

Packaging

weberdry PUR seal is supplied in 20 kg metal pails. Pails should be stored in dry and cool rooms for up to 9 months. Protect the material against moisture and direct sunlight. Storage temperature: +5°C - +30°C. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

Technical parameters

PROPERTY	RESULTS	TEST METHOD
Composition	Pigmented Aliphatic moisture triggered Polyurethane polymer. Solvent based	
Resistance to Water Pressure	No Leak	DIN EN 1928
Elongation at break	289%	DIN EN ISO 527
Tensile strength	3.72 N/mm ²	DIN EN ISO 527
Elongation at break after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²)	272 %	DIN EN ISO 527
Tensile strength after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²)	2.68 N/mm ²	DIN EN ISO 527
Gloss retention after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²)	Good	DIN 67530
Surface chalking after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²)	No chalking observed. Chalking grade 0	DIN EN ISO 4628-6
Adhesion to the weberdry PUR seal	> 2 N/mm ²	ASTM D 903
Hardness (Shore A Scale)	65	ASTM D 2240 (15")
Solar Reflectance (SR) (white color)	93.5%	ASTM E903-96
UV accelerated ageing, in the presence of moisture	Passed - No significant changes	EOTA TR-010
Hydrolysis (5% KOH, 7 days cycle)	No significant elastomeric change	Inhouse Lab
Service Temperature	-40°C to +90°C	Inhouse Lab
Tack Free Time	1 - 3 hours	Conditions: 20°C, 50% RH
Light Pedestrian Traffic Time	12 hours	
Final Curing time	7 days	
Chemical Properties	Good resistance against acidic and alkali solutions (5%), detergents, seawater and oils.	



FDS / SDS / DoP
Product information



<https://goo.gl/d39avs>

Scan QR code to download android app for product information and technical data for our complete product range, directly from your smartphone.



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