

Aliphatic polyurethane top-coat, UV-stable public pedestrian and vehicular traffic areas

PRODUCT

Weberdry PUR coat traffic is a pigmented, wear resistant, semi-rigid, color and UV-stable, weather-stable, cold applied and cold curing, one component aliphatic polyurethane coating used as a top-coat for protection over exposed waterproofing coatings, subject to high wear conditions. It cures by reaction with ground and air moisture.

ADVANTAGES

- Simple application
- Resistant to constant, heavy abrasion and wear conditions
- Color stable
- UV stable
- Gives a glossy and easy-to-clean surface
- Does not show the chalking effect of aromatic polyurethane waterproofing coatings
- Resistant to water
- Maintains its mechanical properties over a temperature span of -40°C to + 90°C
- The waterproofed surface can be walked on (public pedestrian traffic).

SCOPE OF USE

- Decks and Walkways
- Public Pedestrian Traffic Areas
- Exposed Car Parking areas
- Surfaces exposed to heavy wear conditions

Used over the **weberdry 350 PU** and **weberdry 360 PU** on surfaces with public pedestrian trafficking and on surfaces with light car traffic.

PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
5 kg	-	5 kg	5 kg	5 kg	5 kg	5 kg	5kg
20 kg	-	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg

*Transparent: 4 kg & 17 Kg

CHARACTERISTICS

Composition	Pigmented Aliphatic moisture triggered Polyurethane polymer. Solvent based	
Colors	White, light grey, red and transparent. Other RAL colors on demand.	
Resistance to Water Pressure	No Leak	DIN EN 1928
Elongation at break	>100%	DIN EN ISO 527
Tensile strength	>5 N/mm ²	DIN EN ISO 527
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
Hardness (Shore D Scale)	30	ASTM D 2240 (15")
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	1-4 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	

INSTRUCTIONS FOR USE

Stir **weberdry PUR coat traffic** well before use and then pour it over the cured, aggregate saturated liquid waterproofing membranes, and spread out by squeegee or airless spray.

After 5-6 hours (not more than 36 hours), apply the second layer of **weberdry PUR coat traffic** by roller. If necessary, apply a third layer.

For best results, the temperature during application and cure should be between 5°C and 35°C. High humidity may affect the final finish.

The **weberdry PUR coat traffic** 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.

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

CONSUMPTION

400-600 gr/m² in 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 can alter consumption.

STORAGE

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.

SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO₂ foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

DISCLAIMER

While the company guarantees its products against defective

materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

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