weberdry 360 PU

Formerly "Waterproof.360 PU"

WATERPROOFING

Liquid applied polyurethane waterproofing membrane-UV Resistant

PRODUCT

weberdry 360 PU is a 1-component liquid applied membrane made of polyurethane specially designed for waterproofing. Its outstanding performances allow protection and waterproofing of many areas such as:

- Water supply channel
- Water storage tanks
- Flowerbeds and fountains
- Rooftops
- Crack bridging
- Under-tile wet areas (pools, bathrooms, balconies, terraces...)

When applied, **weberdry 360 PU** creates a continuous watertight seal. It allows moisture vapor transmission. It has also excellent adhesion to almost any surface: concrete, metal, bitumen membranes, acrylic paints... It keeps outstanding performances for a very long period. **weberdry 360 PU** is applicable by brush, roller or spray gun. 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.



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
6 kg	6 kg	6 kg	6 kg	6 kg	6 kg	6 kg	6 kg
25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg	25 kg

PROPERTIES

- One component
- Easy application by roll
- Long-lasting waterproofing
- Permanent high elasticity
- Water insoluble
- Can be walked on
- Moisture vapor transmission
- UV resistant
- Resistant to detergents, oils, seawater and domestic chemicals.

CHARACTERISTICS

Property	Results	Test Method
Composition	Polyurethane pre-polymer	
Color	Off white / Black /Grey	
Elongation at break	>600%	ASTM D 412/ DIN 52455
Tensile strength	>4 N/mm²	ASTM D 412/ DIN 52455
Water vapor permeability	>40 gr/m²/day	ISO 9932:91
Resistance to water pressure	No leak (1 m water column, 24 h)	DIN EN 1928
Adhesion to concrete	>2,0 N/mm² (concrete surface failure)	ASTM D 903
Crack bridging capability	up to 2 mm crack	EOTA TR-008
Hardness (Shore A scale)	65	ASTM D 2240 (15")
Resistance to root penetration	Resistant	UNE 53420
Thermal resistance (80°C for 100 days)	Passed- No significant changes	EOTA TR- 011
UV accelerated ageing,in the presence of moisture	Passed- Slight surface chalking	EOTA TR- 010
Resistance after water ageing	Passed	EOTA TR- 012

CHARACTERISTICS		
Property	**Results**	**Test Method**
Hydrolysis(5% KOH, 7 days cycle)	No significant elastometric change	Inhouse Lab
Service temperature	-30ºC to +90ºC	Inhouse Lab
Shock temperature (20 min)	200°C	Inhouse Lab
Rain stability time	4 hours	Conditions:20°C, 50% RH
Light pedestrian traffic time	12 hours	
Final curing time	7 days	
Chemicals properties	Good resistance against acidic and alkali solutions (5%), detergents,seawater and oils	

INSTRUCTIONS FOR USE

All surfaces should be clean, dry, free from grease, oil or dust. Remove all loose material. Moisture content should not exceed 5%. New concrete should be at least 28 days old.
All cracks and expansion joints are to be sealed with **weber jointseal PU** or **weber jointseal PU MC**, at least 2 days before application of **weberdry 360 PU**.

PRODUCT APPLICATION

Brittle substrate must be primed with **weberdry prime 310 PU**. On stable, sound and well-prepared concrete surfaces, **weberdry 360 PU** diluted approximately 5% with Xylene... may be used as a primer coat.
weberdry prime 310 PU or primer coat should be allowed to dry for 2 to 3 hours.
Apply the first layer of **weberdry 360 PU** pure by roller, brush or airless spray with a film thickness of around 0.5 mm. After 12 hours and not later than 36 hours, apply the second layer of **weberdry 360 PU** also with a film thickness of 0.5 mm. Do not apply over 0.5 mm per layer. Tools are to be cleaned before polymerization with Xylene.

CONSUMPTION

For the minimum dry film thickness of 1 mm, the consumption of **weberdry 360 PU** is around 1.4 kg/m², in case of smooth surfaces.

STORAGE

Pails should be stored in dry and cool rooms , on an upside down position, for up to 9 months from manufacturing date in an unopened original package.
Protect the material against moisture and direct sunlight . Storage temperature should be between +5ºC and +30ºC.

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.

NOTE

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