

## Waterproof, crack bridging polyurethane coating system for car parks

### PRODUCT

#### PRIMER

**weberfloor eposil** is a two-component epoxy primer designed to seal the porosity of the substrate thus providing a homogeneous and adherent surface to various epoxy coating systems. It improves the resistance of concrete to chemicals and daily abrasion, and reduces its absorption of water and salts.

#### BASE COAT

**weberdry 360 PU** it is a one component liquid applied polyurethane membrane.

#### TOP COAT

**weberfloor 220 PU** (or **weberfloor 215 UV** It is a pigmented aliphatic polyurethane, wear resistant, semi-rigid and color stable. As it is UV and weather stable **weberfloor 220 PU** is used as a top-coat over exposed waterproofing coatings to protect from high wear conditions.

Resistant to frost, it is used over **weberdry 360 PU** or **weberdry 350 PU**, on surfaces subject to high public pedestrian and medium car traffic.

### SCOPE OF USE

- Stadiums
- Parking decks
- Bridge decks
- Industrial floors
- Food industry floors
- Warehouses
- Service stations
- Chemical plants
- Metal treatment plants
- Machinery service areas

### CHARACTERISTICS

Refer to the technical data sheet of each product used in the system.

### INSTRUCTIONS FOR USE

#### SURFACE PREPARATION

Careful surface preparation is essential for optimum finishing and durability.

Maximum moisture content should not exceed 5%.

New concrete structures need to dry for at least 28 days. Old coatings, dirt, fats, oils or organic substances need to be removed by a grinding machine. Possible surface irregularities need to be smoothed. Any loose surface pieces need to be thoroughly removed. The surface should then be roughened



### PACKAGING

#### weberfloor eposil

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
20 lit	20 lit	20 lit	20 lit	20 lit	20 lit	20 lit	20 lit

#### weberfloor eposil

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

#### weberdry 360 PU

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

#### weberfloor 220 PU

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

using a dust-free "grit-blasting" machine.

The substrate should be clean, dry and sound, free of any dust or contamination which may harmfully affect the adhesion of the primer layer.

WARNING: Do not wash surface with water!

### PRODUCT APPLICATION

#### Primer

A primer is not typically required on freshly shot blasted dry concrete. For very porous surfaces Eposil is applied using a roller, brush or an airless sprayer at the rate of 100 -200 g/m<sup>2</sup>. Allow a minimum dry time of 1 hour. Prime coat may be allowed to completely dry but shall not be applied more than 8 hours preceding application of **weberdry 360 PU**. Apply the base coat in the same day.

## Base Coat

Apply **weberdry 360 PU** using a roller, a brush or airless spray at the rate of 1.2 kg/m<sup>2</sup> in two layers for medium duty and at the rate of 0.7 kg/m<sup>2</sup> in one layer for light duty. In the first case the second layer should be applied after 12 hours and before 36 hours of the first layer application.

## Silica sand

To obtain higher anti-skid finishes, the freshly applied **weberdry 360 PU** coating should be sprinkled immediately with dry silica sand, grain size 0.1-0.4 mm for light and medium duty and grain size 0.6-1.5 mm for heavy duty. All excess sand must be removed after hardening of the **weberdry 360 PU**.

## Top Coat

Apply **weberfloor 220 PU** at the rate between 7.8 to 13.7 m<sup>2</sup>/L in one or two layers.

The thickness of the total system will vary between 1000 and 1500 μ.

## CONSUMPTION

Primer : 0.1 – 0.2 kg/m<sup>2</sup>  
Base Coat : 0.7 – 1.2 kg/m<sup>2</sup>  
Silica Sand : around 1 kg/m<sup>2</sup>

Top Coat : 7.8 -13.7 m<sup>2</sup>/L.

Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption.

## STORAGE

6 months after manufacturing date in its original packing non open and in dry cool area.

## 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 CO<sub>2</sub> foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

## DISCLAIMER

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## NOTE

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