

Solvent free heavy duty epoxy floor coating

PRODUCT

weberfloor epobat-L is a two-component solvent-free epoxy flooring coating. It is a high performance self levelling & self-smoothing product, easy to apply, leaving a durable seamless surface, specially formulated as heavy duty concrete coating for floor.

The product consists of pre-weighed colored resin and hardener components.

weberfloor epobat-L provides a hard wearing and abrasion resistant floor finish for basement, warehouses, industrial factories, ground floor car parks, traffic decks with no structural movement...

Along a high resistance to chemicals and salts.

It can also be used as a rust preventive coating for concrete and steel tanks and other surfaces subjected to chemical attacks and corrosion.

SCOPE OF USE

weberfloor epobat-L specially designed for a wide range of heavy duty use, with various levels of mechanical and chemical exposure.

- Indoor car parks
- Bridge decks
- Traffic decking
- Industrial floors
- Car production and workshops
- Food and beverage industry floors
- Warehouses and storage facilities
- Service stations and maintenance areas.
- Hospitals, laboratories and chemical plants
- Metal treatment plants
- Machinery service areas

ADVANTAGES

- Waterproof
- Impermeable
- High wear, abrasion and slip resistant surface possible
- Odorless
- Good chemical and mechanical resistance

CHARACTERISTICS

Form	Liquid
Colors	Grey, yellow, red, ivory and others
Specific gravity	1.5 to 1.7 kg/L
Solid content	100% by volume
Pot life	4 hrs
Touch dry time	2 hrs
dry	12 hrs
Light traffic use after	24 hrs



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
19 lit	19 lit	-	-	-	-	-	-

Resin: 14 Liters
Hardener: 5 Liters

High traffic use after	48 hrs
Full dry	48 hrs
Dry film thickness per coat	250 microns
Flash point	55°C
Elasticity	13%

APPLICABLE STANDARDS

weberfloor epobat-L was tested in accordance with ASTM D-4541 and ASTM D-4060:01.

INSTRUCTIONS FOR USE

SUBSTRATE PREPARATION

All surfaces should be clean, dry, and free from grease, laitance, oil and dust. Remove all loose material. Moisture content should not exceed 5%. New concrete should be at least 28 days old. Any old coatings, dirt, fats, oils, laitance can be removed by the use of mechanical methods. Dust and other debris should then be removed by vacuum cleaning. If any surface irregularities is noted it should be smoothed prior to the application of **weberfloor epobat**.

If the substrate is porous, it is recommended to apply **weberfloor eposil plus** for high porosity substrate or **weberfloor eposil** for low porosity substrate.

For thick application, the primer usage is a must.

PRODUCT PREPARATION

Pour Part B over Part A, mix the two parts for 2 - 3 minutes by an electric mixer with low rotation speed (< 300 rpm). The epoxy must be well mixed to ensure proper chemical reaction. After mixing, keep the mix to rest for 2 min before the application.

PRODUCT APPLICATION

weberfloor epobat-L is applied using a brush, a roller, an airless sprayer or a squeegee in case of high thickness required. When the base coat has reached initial cure (24 hours @ 25°C), the top coat can be applied.

Apply **weberfloor epobat-L** to the required film thickness. It is recommended to achieve two coats within 24 hours, to have the best results.

For anti-slip surfaces, fine sand must be spread on the first coat while it is still wet. The surface is allowed to cure for at least 24 hours; the excess aggregate should be vacuum cleaned from the surface then apply the 2nd coat with a medium texture roller. Care should be taken to ensure that continuous film is achieved and all grains are completely covered and coated by the epoxy mixture. The optional slip resistant texture is provided by the range of the coarse sand selected.

In case of heavy traffic area: the system should be applied at minimum thickness of 500 microns. first coat primer and 2 coats of **weberfloor epobat-L**.

Note: Don't apply **weberfloor epobat-L** if the temperature of the surface is below 5°C or over 40°C.

CLEANING

Tools and equipment should be cleaned with **weberfloor epo thinner** immediately after use.

CONSUMPTION

1m² per Liter at 1mm thickness

STORAGE

One year 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 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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