



weberfloor eposil plus

Solvent free epoxy sealing primer

Flooring

Leb	Egypt	Jordan	UAE	Qatar	Kuwait	KSA	Oman
-	15kg	-	-	-	-	-	-

PRODUCT

weberfloor eposil plus is a high quality two-component solvent free epoxy primer, having outstanding features e.g. high penetration capability, easy spread ability and excellent tensile adhesion. This product is designed to prime absorbent and dense cementitious substrates such as concrete slab or cement screed prior to the application of various epoxy and polyurethane coating systems, moreover, where proper surface preparation is required. weberfloor eposil plus is easy to be applied and provides excellent bonding to the substrate, furthermore, it has a low viscosity and an excellent wetting ability.

SCOPE OF USE

- Parking decks
- Bridge decks
- Industrial floors
- Food industry flooring

CHARACTERISTICS

Color	Transparent
Solid content	100% by volume
Density	1.06±0.01

Pot life	1 hour at 25°C
Max over coating delay	24 hours
Volatile Organic matter (USEPA 24 METHOD)	5g/L
Adhesion strength at 7 days (ASTM D7234)	>3 Mpa (Depending on substrate strength and conditions)
Tensile strength at 7 days (ASTM D638)	Approx. 40 Mpa
Shore D hardness at 7 days (ASTM D2240)	85
Water absorption (ASTM D570)	Approx. 0.03%

INSTRUCTIONS FOR USE

SURFACE PREPARATION

New concrete should be at least 28 days old. All surfaces should be clean, dry, and free from grease laitance, oil, dust, paint and any other substance that may prevent or reduce adhesion. Moreover, moisture content of the substrate should be <5%. Remove all weak, loose, smooth or broken pieces of concrete, until reaching a sound rough concrete. This can be achieved primarily by blasting or grinding. The prepared surface must have an average "Surface tensile adhesion strength" >1MPa. Moreover, it should have CSP (concrete surface profile) of 3 to 5. Concrete must be crack free, thus, any crack must be repaired prior to application with the appropriate epoxy-based material according to the crack dimensions. Deeper ruptures

and cracks must be filled with **weberep epo 412 CRY plus** (up to 3mm), freshly scattered with sand, to increase the bonding and create a strong mechanical key (For more details, please refer to the above-mentioned products data sheet).

Once the substrate is well prepared, it must be dust free, preferably using a vacuum machine, prior to **weberfloor eposil plus** application.

WARNING: Do not wash the substrate with water at any time!

PRODUCT PREPARATION

Plan your work by having everything ready to go and by limiting the quantity which can be mixed and applied in a time aligned with the product pot life mentioned in the product characteristics. Add Part B over Part A, mix the two parts for 2-3 minutes by an electric mixer with low rotation speed (<300 rpm). Make sure to keep the drill paddle below the surface of the material to avoid entrapping air. **weberfloor eposil plus** must be well mixed to ensure proper chemical reaction. After mixing, keep the mix to rest for 2 minutes before the application to release any entrapped air.

Note: Mixing the product at high speed, may result of trapping the air within the mixed material. Moreover, it can also shorten the product pot life. Do not add any solvent, water or Thinner to the mix for any reason.

PRODUCT APPLICATION

weberfloor eposil plus can be applied with a roller or a brush in an amount varying and depending on the degree of absorption and texture of the substrate. Make sure that all voids and pinholes are filled /sealed by meaning to ensure complete surface coverage to eliminate out-gassing.

CLEANING

To avoid harden the epoxy primer, clean the tools and the equipment with a solvent such as Xylene.

CONSUMPTION

The coverage rates are given for guidance only. Actual rates depend on substrate porosity, and roughness. **weberfloor eposil plus** is 15Kg pack (Approx. 15 Liters), covers Approx.6.5 to 7m² per kg @150 Microns

STORAGE

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity, protected from extreme temperatures and direct sunlight.

SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source and avoid prolonged contact with skin. Wear goggles with side shields, protective gloves and respiratory mask. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In both cases seek medical attention. The product is non-flammable. For further and complete information about the product's safety please refer to the safety data sheet.

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

The information included on this Technical Data Sheet is the sole property of Saint-Gobain Middle East Holding SAL. The unauthorized disclosure, use, dissemination or copying (either whole or partial) of this data sheet or any information it contains, is prohibited and subject to legal pursuit.