

Weberprim EP 511 WB

Water dispersed, epoxy resin primer

Weberprim EP 511 WB is a two-component, water dispersed, epoxy resin and polyamide hardener primer.



PRODUCT BENEFITS



SOLVENT FREE



PRIMER



EXCELLENT PENETRATION

USES

Weberprim EP 511 WB is designed to prime and seal new and hardened concrete substrates before the application of Weber flooring systems. It is used for epoxy and polyurethane floor coatings and as a primer for Weberfloor PUR MF, Weberfloor PUR HD, Weberfloor CEM MB and Weberfloor PUR MF SL.

ADVANTAGES

- Environmentally-friendly
- Solvent-free, odourless
- Excellent adhesion
- Tolerant with moisture during application

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Brown
Density (28°C)	1 ± 0.5 g/ml
Viscosity (28°C)	1500 ± 200 cps
Solid Content	65 % ± 2
Thickness (DFT)	150µ ± 20µ
Bond Strength	> 2.0 MPa (Concrete failure)
Pot Life (28°C)	30 min
Recoating Time (28°C)	within 14 - 18 hours

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must be sound and firm with a compressive strength of 25 MPa and a minimum bond strength of 1.5 MPa. The substrate must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface. Cracks and hollows should be properly remedied. Rough contaminations and high spots can be removed by grinding.



Mixing

Stir Part A and mix for 30 seconds by using a suitable electrical stirrer (750-watt high power), then add all of Part B and mix thoroughly for two minutes until it achieves a homogeneous mix.

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Application

Apply Weberprim EP 511 WB can be applied by using a suitable roller, brush or trowel and overwork with a roller.



Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberprim 511 WB. Regular cleaning using a single or double-headed rotary scrubber with alkaline detergent is recommended.

PRECAUTION

Do not apply when substrate's temperature is $<5^{\circ}\text{C}$ and $>40^{\circ}\text{C}$.

CONSUMPTION

Approx. 5 m^2 per 150μ coat application per kg. Material consumption is 0.25 kg/m^2 . Coverage may vary depending on the concrete surface condition.

CLEANING

Clean the tools and equipment immediately after use with water.

STORAGE & PACKING

Weberprim EP 511 WB is available in 10 kg sets (Part A - 8 kg pail + Part B - 2 kg pail). Shelf life of 12 months if unopened, and kept in dry and cool conditions.

HEALTH & SAFETY

Good ventilation is required, if not, a portable exhaust fan shall be used. Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jan '26)



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