

Weberprim EP 500 PR

Solvent-free epoxy primer



Weberprim EP 500 PR is a solvent-free, low viscosity, two-component, epoxy resin-based primer, designed for use as a primer as well as for adhering new coatings to old coatings (repairs) and wide range of epoxy systems, waterproofing, and concrete repair.

PRODUCT BENEFITS



SOLVENT FREE



EXCELLENT PENETRATION



PRIMER

USES

Weberprim EP 500 PR is designed to prime and seal concrete substrates before the application of E.MIX flooring systems. Where substrates are very porous, more than one coat of Weberprim EP 500 PR may be required to saturate the surface and achieve the desired bonding efficiency.

ADVANTAGES

- Excellent bond strength
- Excellent penetration & wetting properties
- Solvent-free system
- Excellent adhesion to damp concrete
- Seals pore and capillaries
- Low viscosity

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Base	Hardener
Mix Ratio	Pale	Amber
	7	3
Tensile Adhesion	3.7 N/mm ²	
Gel Time (150 g mix @ 25°C)	Approx. 60 min	

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

Ensure that the substrate is structurally sound, free of oil, grease, and loose particles. The substrate shall be cleaned of contaminants by grit or shot blasting, high-pressure water jetting, or grinding. All concrete surface irregularities must be patched with repair products.



Application

Weberprim EP 500 PR is supplied in two pre-weighted components, Part A and Part B. Add Part B to Part A and mix thoroughly for using a low-speed mixer until uniform. Weberprim EP 500 PR can be applied using paintbrush or rollers.



If the subsequent process is delayed, recommend broadcasting with fine aggregates to promote the adhesion of the subsequent coating. Alternatively, the surface must be abraded, vacuum cleaned, and degreased with solvent degreaser and then reapplied with another coat of primer. If the subsequent process is going to be epoxy screed, the primer must be tacky to ensure proper adhesion. If the primer is left longer than the maximum overcoating time, it must be abraded off and reapplied.

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CONSUMPTION

Approx. 20 – 25 m² per coat application for 5 kg set. Coverage may vary depending on the concrete surface condition.

CLEANING

Clean immediately after use with solvent. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberprim EP 500 PR is available in 5 kg sets (Part A – 3.5 kg pail + Part B – 1.5 kg pail). Shelf life of 12 months if the product is unopened, original containers, under dry and cool condition.

HEALTH & SAFETY

Good ventilation is required. Wear protective clothing, gloves, and goggles. The epoxy base is considered an irritant, and the hardener is corrosive. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medication attention if irritation persists.

*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. (Jun '20)

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