

Weberprim EP 500 PR

Solvent-free epoxy primer



Weberprim EP 500 PR is a solvent-free, low viscosity, two-component, epoxy resin-based primer, for adhering new coatings to old coatings (repairs) and applicable for 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
- Seals pore and capillaries
- Excellent adhesion to damp concrete

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

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. 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.



Mixing

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.

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18,
 Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
 42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.mys.weber

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Application

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 degreased 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 over coating time, it must be abraded off and reapplied.

CONSUMPTION

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

CLEANING

Clean the tools and equipment immediately after use with solvent. Hardened material can be removed mechanically.

STORAGE & PACKING

Weberprim EP 500 PR (SG) is available in 5 kg sets (Part A – 3.5 kg pail + Part B – 1.5 kg pail). Weberprim EP 500 PR (MY) is available in 5 kg sets (Part A – 4 kg pail + Part B – 1 kg pail). Shelf life of 12 months if unopened, 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 '23)

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