

weberfloor EP 510 WB

Water-based epoxy coating



Weberfloor EP 510 WB is an advanced water dispersed, two-component, epoxy resin formulated as a durable coating.

PRODUCT BENEFITS



WATER BASED



EXCELLENT ADHESION



VAPOUR PERMEABLE

USES

Weberfloor EP 510 WB is formulated for precast tunnel segments, industrial and food processing areas, laboratories, wall coatings, warehouses, and water tanks. It can be used as a curing membrane for concrete.

ADVANTAGES

- Water-based system
- No offensive odour
- Water vapour permeable
- Excellent adhesion to damp substrate
- Excellent adhesion to concrete and masonry
- Inflammable

TECHNICAL DATA & PHYSICAL PROPERTIES

	Base	Hardener
Colour	Coloured	Amber
Mix Ratio	1.0	1.0
Pot Life @ 25°C	Approx. 45 mins	

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 all the substrates are structurally sound, free of oil, grease, and loose particles. Before application, the new or old concrete substrate must be lightly grit blasted or diamond grinding to ensure excellent adhesion. Repair any cracks, and imperfections before the application of Weberfloor EP 510 WB.



Application

Use a low speed (300-600 RPM) mechanical mixer, mix Part A & Part B of Weberfloor EP 510 WB for 2-3 minutes until it is uniform.

Apply Weberfloor EP 510 WB by using of mohair roller. Depending on the surface, up to 3 coats may be required to achieve the required finish. Apply the second coat as soon as the first has dried.



Weberfloor EP 510 WB must be applied within 45 minutes to avoid developing a different colour when applied within pot life and after pot life. End of pot life can be determined when there is no more reaction, such as exothermic.

CONSUMPTION

Approx. 40 – 50 m² per coat application for 10 kg set.

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CLEANING

Clean the tools & equipment with water before the resin hardens.

STORAGE & PACKING

Weberfloor EP 510 WB is available in 10 kg sets (Part A – 5 kg pail + Part B – 5 kg pail).
Shelf life of 12 months if the product is unopened, original containers, under dry and cool condition.

HEALTH & SAFETY

Wear protective clothing, gloves and goggles. 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. (Mar '21)

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