

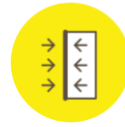
# Weberfloor EP 540 SB

Two-components, epoxy solvent-based coating

Weberfloor EP 540 SB is coloured, ready-to-use, solvent based, two-component comprising of high-quality epoxy resin and polyamide hardener.



## PRODUCT BENEFITS



**EXCELLENT ADHESION**



**CHEMICAL RESISTANT**



**ABRASION RESISTANT**

## USES

Weberfloor EP 540 SB is used as coloured for a wide range of concrete and steel surfaces. Use on structural steel, piping. Areas of use are light duty industrial areas, warehouses, garages, car park decks, refineries and other industrial facilities where chemical resistance is required.

## ADVANTAGES

- Can be a primer or topcoat (indoor)
- Excellent abrasion resistance
- Hygienic and easy to clean
- Easy to apply and low maintenance
- Excellent adhesion
- Excellent chemical and corrosion resistance

## TECHNICAL DATA & PHYSICAL PROPERTIES

Pot Life @ 30°C  
Curing Time

2 hours

	15°C	25°C	32°C
Human Traffic	24 hours	20 hours	16 hours
Light Traffic	30 hours	24 hours	24 hours
Full chemicals cure	10 days	7 days	7 days

Density @ 28°C  
Adhesive Strength  
Solid Content (mixed)  
Abrasion Resistance (revolutions)  
Water Permeability (Karsten Test)  
Recommended DFT  
Recoating Time @28°C

1.36 ± 0.05 g/ml<sup>2</sup>  
> 1.5 N/mm<sup>2</sup> (Concrete failure)  
70 % ± 3  
100 cycles weight loss 5mg (wear cycles 1000)  
Nil-Impermeable  
± 100 µ / coat  
10 hours min @ 30°C

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.

## CONSUMPTION

Approx. 0.15 kg/m<sup>2</sup> @100 µ application.

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## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. The substrate should have a minimum compressive strength of 25 N/mm<sup>2</sup> and minimum adhesive pull-off strength of 1.5 N/mm<sup>2</sup>. The substrate should be dry and free from groundwater pressure. If substrate moisture >4%, apply Weberfloor EP 550 MS (epoxy mortar), or apply Weberfloor CEM MB as a moisture barrier. Prepare the substrate by vacuum shot blasting and remove rough contaminations by grinding. Remedy the cracks and hollows. Prepare grooves 3 mm wide x 3 mm deep at all edges, bay joints columns, doorways, and drains for anchoring purposes.



### Mixing

Stir Part A for 30 seconds by using a suitable electrical stirrer (with a 750-watt power mixer), then add Part B and mix thoroughly for one minute until it achieves a homogeneous mixture.



### Application

Apply Weberfloor EP 540 SB with a brush, roller or spray. As a finish, we recommend to roll in one direction and back roll, with a wide short-pile mohair roller.



### Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberfloor EP 540 SB. Regular cleaning using a single or double-headed rotary scrubber with alkaline detergent is recommended.

## PRECAUTION

Do not apply when the relative humidity exceeds 90% or when the surface temperature to be coated is <5% above the dew point. Do not apply when temperatures are <5°C and >40°C.

## CLEANING

Clean the tools and equipment immediately after use with thinner.

## STORAGE & PACKING

Weberfloor EP 540 SB is available in 5 kg sets (Part A - 4.3 kg pail + Part B - 0.7 kg pail) & 20 kg sets (Part A - 17.2 kg pail + Part B - 2.8 kg pail).

Shelf life of 12 months if unopened, kept in dry conditions and at temperatures of 10°C to 30°C.

## HEALTH & SAFETY

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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