

Weberfloor EP 530 HB

High build epoxy floor coating

Weberfloor EP 530 HB is a two-component, high-performance, solvent-free epoxy coating for a wide range of applications. Weberfloor EP 530 HB is available in smooth gloss profile or slip resistant profile when broadcast with different graded aggregates. Weberfloor EP 530 HB (MY) is also available in fast cure (FC), antislip or textured version.



PRODUCT BENEFITS



SOLVENT FREE



CHEMICAL RESISTANT



SEAMLESS

USES

Weberfloor EP 530 HB is hard-wearing and suitable for medium to heavy traffic applications such as workshops, processing areas, carparks, data centers and food industries.

ADVANTAGES

- Smooth and seamless
- Low maintenance cost
- Excellent chemical resistance
- No offensive odour

TECHNICAL DATA & PHYSICAL PROPERTIES

Pot Life 30 minutes (HB version); 15 minutes (FC version)
Recoating Time @ 30°C 10 hours minimum (HB version); 2 hours (FC version)
Curing Time

	15°C		25°C		32°C	
	HB	FC	HB	FC	HB	FC
Foot Traffic	24h	4h	20h	3h	18h	2h
Light Traffic	36h	8h	30h	6h	24h	4h
Full chemicals cure	7 days					

Density @ 28°C 1.40 ± 0.05 g/ml
Adhesive Strength > 1.5 N/mm²
(Concrete Failure)
Compressive Strength 50 N/mm² (28 days)
Flexural Strength 35 N/mm²
Shore D Hardness 75 - 80
Temperature Resistance up to 70°C
Water Permeability Nil (Impermeable)
(Karsten Test)
Cytotoxicity < 0.5
Taber Abraser 64 mg
(ASTM D 4060 - 10)
Dissolved Oxygen Difference < 2.39 mg/L or less
(BS 6920: Part 1: 2000)

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.

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CONSUMPTION

Approx. 0.17 – 0.25 kg/m² per coat.

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. Remove using industrial detergent follow by scrubbing. The concrete surface must be shot-blast, scarifying, or grit blasting followed by vacuum cleaning. Repair any irregularities, blowholes, cracks, etc. using solvent-free epoxy repair products. The pre-treated surface must have a bond strength of at least 1.5 N/mm² and compressive strength of 25 N/mm².



Application

Prime the surface using Weberprim EP 500 PR. Use speed mixer to mix Weberprim EP 500 PR until it is uniform. Apply Weberprim EP 500 PR by brush or paint roller.



Mix Weberfloor EP 530 HB Part A and Part B using a ~600rpm slow speed drill mixer until the colour is uniform. Apply using a notched or flat trowel followed by a paint roller back roll to a thickness of 0.15 mm/coat. A fine textured finish with improved slip resistant can be achieved by scattering fine silica sand into the wet coating.

PRECAUTION

In an extensive project, co-ordinate the supply to ensure that the same production batch is used to reduce the colour variation from the batch process. Do not apply when the relative humidity >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. Hardened material can be removed mechanically.

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STORAGE & PACKING

Weberfloor EP 530 HB is available in	Part A	Part B	kg/set
SG	3.75 kg	1.25 kg	5 kg
	15 kg	5 kg	20 kg
MY	4 kg	1 kg	5 kg
	16 kg	4 kg	20 kg
FC (Clear) - Primer	3 kg	1 kg	4 kg
	15 kg	5 kg	20 kg
FC (Pigmented)	6 kg	1 kg	7 kg
	18 kg	3 kg	21 kg

For antislip profile, mix in Weber Antislip Filler @ 0.15kg/btl for MY version 5kg set.

For textured (orange peel) profile, mix in Texture Filler @ 0.1kg/btl for MY version 5kg set.

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 reserves the rights to amend the contents of the data sheet at its sole discretion. (May '26)

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