

Weberfloor EP 536 NV

Two-components, high chemicals, novolac epoxy coating

Weberfloor EP 536 NV is a high-performance, solvent-free, two-component, colored novolac epoxy coating. The system provides a dust-free, jointless surface with a glossy finish.



PRODUCT BENEFITS



SOLVENT FREE



ABRASION RESISTANT



CHEMICAL RESISTANT

USES

Weberfloor EP 536 NV is for light-duty industrial floors exposed to pallet trucks, trolley, and forklift traffic. It is used for car park decks, laboratories, electronic, automotive assembly, aircraft hangars, garages, pharmaceutical, mills, and other industrial plants sectors.

ADVANTAGES

- Seamless, monolithic application
- Solvent-free, low odour
- Excellent chemical resistance
- Excellent abrasion resistance

TECHNICAL DATA & PHYSICAL PROPERTIES

Pot Life @ 28°C
Curing Time

30 min

	15°C	25°C	32°C
Human Traffic	24 hours	20 hours	18 hours
Light Traffic	36 hours	30 hours	24 hours
Full chemicals cure	10 days	7 days	7 days

Density @ 28°C

1.40 ± 0.05 g/ml

Adhesive Strength

> 2.0 N/mm² (Concrete failure)

Tensile Strength

25 N/mm²

Compressive Strength @ 28 days

55 N/mm²

Flexural Strength

35 N/mm²

Shore D Hardness

75 - 82

Temperature Resistance

up to 70 °C

Water Permeability

Nil (impermeable)

(Karsten Test)

Taber Abraser

37 mg

(ASTM D 4060-10)

Dissolved Oxygen Difference < 2.39 mg/L

(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.

CONSUMPTION

Approx. 25 m² @140μ application for 5 kg set. Approx. 50 m² @140μ application for 10 kg set.

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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/mm² and minimum adhesive pull-off strength of 1.5 N/mm². It should be dry and free from groundwater pressure. For substrate moisture >4%, apply Weberfloor EP 550 MS (epoxy mortar), or 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 an electrical stirrer (750-watt power mixer), then add Part B and mix thoroughly for 2 minutes until a homogeneous mixture is achieved.



Application

Apply Weberfloor EP 500 PR as a primer to seal the substrate's porosity and allow to cure for approximately 8 - 14 hours. Apply the next layer of Weberfloor EP 536 NV with a brush or roller.



Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberfloor EP 536 NV. 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 water.

STORAGE & PACKING

Weberfloor EP 536 NV is available in 5 kg sets (Part A - 4 kg pail + Part B - 1 kg pail) and 20 kg sets (Part A - 16 kg pail + Part B - 4 kg pail).

Shelf life of 12 months if unopened and kept 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 '26)



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