

Weberfloor EP 526 NV SL

Self-smoothing, high chemicals, novolac epoxy coating

Weberfloor EP 526 NV SL is a self-smoothing, two-component, novolac epoxy resin applied at 1 – 2 mm. It is dust-free, jointless, chemically resistant, and available in a wide range of colours.



PRODUCT BENEFITS



SOLVENT FREE



PRIMER



EXCELLENT ADHESION

USES

Weberfloor EP 526 NV SL is for dry process areas where the floor is subjected to pallet trucks, trolley, and forklift traffic. It is used in laboratories, electronic and clean rooms, automotive assembly lines, aircraft hangars, garages, pharmaceuticals, mills, refineries, etc.

ADVANTAGES

- Seamless, monolithic application
- Solvent-free, low odour and V.O.C
- 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
Adhesive Strength
Tensile Strength
Compressive Strength @ 28 days
Flexural Strength
Shore D Hardness
Temperature Resistance
Water Permeability
(Karsten Test)
Taber Abraser
(ASTM D 4060 - 10)
Dissolved Oxygen Difference
(BS 6920: Part 1: 2000)

1.40 ± 0.05 g/ml
> 2.0 N/mm² (Concrete failure)
25 N/mm²
55 N/mm²
35 N/mm²
75 – 82
up to 70 °C
Impermeable
37 mg
< 2.39 mg/L

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. 1.4 kg/m² per 1mm application.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be dry, clean, sound, and free from any laitance, oil, grease, and any contaminants. Minimum compressive strength of 25 MPa and bond strength of 1.5 MPa. The substrate should be free from groundwater pressure. If the substrate moisture >4%, apply E.MIX EP 550 MS (epoxy mortar), or apply Weberfloor CEM MB as a moisture barrier. Prepare the substrate by vacuum shot blasting or mechanical grind. 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 using an electrical stirrer (750-watt power mixer), then add Part B and mix thoroughly for 2 minutes until homogeneous.



Application

Apply Weberprim EP 500 PR @ 0.2-0.25kg/m² to seal substrate porosity. Let the primer dry for 8 - 14 hours then apply Weberfloor EP 526 NV SL to primed floor. Spread the mix material with a notched squeegee or pin rake to the desired thickness. Immediately release the air bubble and ensure uniform thickness by using a spike roller.



Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberfloor EP 526 NV SL. 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 526 NV SL is available in 5 kg sets (Part A - 4 kg pail + Part B - 1 kg pail) & 20 kg sets (Part A - 16 kg pail + Part B - 4 kg pail).
Shelf life of 12 months if unopened, kept at temperatures of 10°C to 30°C.

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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