

Weberfloor EP Mortar SC

Two-component, epoxy mortar scratch coat



Weberfloor EP Mortar SC is a two-component, solvent-free, underlayment AOS moisture barrier, epoxy resin filled applied. epoxy mortar scratch coats are not colour stable if exposed to UV light or affected by weathering. It is recommended to apply a colour-stable coating.

PRODUCT BENEFITS



SOLVENT FREE



CHEMICAL RESISTANT



ABRASION RESISTANT

USES

Weberfloor EP Mortar SC is suitable for industrial floors, warehouses, chemical plants, manufacturing areas, and parking lots. Areas that are subjected to heavy traffic, impact and chemicals.

ADVANTAGES

- Excellent chemical resistance
- Heavy duty for traffic
- High impact resistance
- Solvent free, low odor
- Low maintenance
- Seamless and hygienic finish

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour
Pot Life
Curing Time

Natural
45 mins

| | 25°C | 30°C |
|---------------|----------|----------|
| Light Traffic | 18 hours | 14 hours |
| Full Traffic | 48 hours | 36 hours |
| Full Cured | 14 days | 14 days |

Density @ 28°C
Tensile Strength
Compressive Strength @ 28 days
Adhesive Strength
Flexural Strength
Impact Resistance
(BRE Screed Tester)

1.4 ± 0.1 g/cm²
22 N/mm²
70 N/mm²
> 2.0 Mpa (Concrete failure)
30 N/mm²
0.3 mm

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 1 mm coat application.

SAINT-GOBAIN (SINGAPORE) PTE LTD
2 Venture Drive, #13-18,
Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.saint-gobain.my

Weberfloor EP Mortar SC

Two-component, epoxy mortar scratch coat

PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must be free from groundwater pressure with compressive strength of $>25 \text{ N/mm}^2$ and bond strength of $>1.5 \text{ N/mm}^2$. Substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface. Cracks and hollows should be properly remedied. Rough contaminations and high spots can be removed by grinding.



Mixing

Pour Part B into Part A and mix both liquids thoroughly for 1 minute using an electrical stirrer (750-watt high power) until it achieves a homogeneous mixture. Add 2% of Weber Thickener to thicken after mixing Part A and Part B.



Application

Apply Weberprim EP 500 PR @ 0.2 kg/m^2 to seal the substrate porosity. Apply Weberfloor EP Mortar SC within 1 hour while the priming coat is tacky, to a primed floor, and spreading with a screed box to the desired thickness, compact, and finish with a steel blade trowel or power float. Apply Weberfloor EP Mortar SC to seal the porous surface.



Care & Maintenance

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

CLEANING

Clean the tools and equipment immediately after use with thinner.

STORAGE & PACKING

Weberfloor EP Mortar SC is available in 10 kg sets (Part A - 8 kg + Part B - 2 kg). Shelf life of 12 months if unopened and kept in dry and cool conditions.

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 $<5 \text{ }^\circ\text{C}$ and $>40 \text{ }^\circ\text{C}$.

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 reserves the rights to amend the contents of the data sheet at its sole discretion. (Feb'24)

SAINT-GOBAIN (SINGAPORE) PTE LTD

2 Venture Drive, #13-18,
Vision Exchange, Singapore 608526

(65) 63308288 (65) 63308289

eis.info@saint-gobain.com www.saint-gobain.sg

SAINT-GOBAIN WEBER (M) SDN BHD

No 29 & 31, Jalan TIAJ 2/1, Taman Industri Alam Jaya,
42300 Bandar Puncak Alam, Selangor D E, Malaysia

(603) 60389498/97/89 (603) 6038 9507

info.webermalaysia@saint-gobain.com www.saint-gobain.my

