

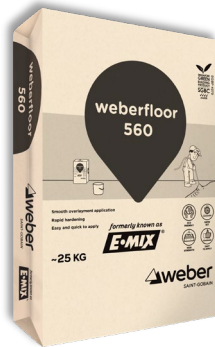
Weberfloor 560

Rapid hardening, self-levelling cementitious flooring system for overlayment applications

Weberfloor 560 is a self-levelling floor surfacing system. It is designed as a smooth overlayment for concrete floors.



LEADER
SGBP 4979



PRODUCT BENEFITS



HIGH STRENGTH



RAPID HARDENING



ABRASION RESISTANCE

USES

Weberfloor 560 is mainly used for car parks, warehouse, workshops, electronic and computer factories, hospitals, schools, sports stadiums, and theatres.

ADVANTAGES

- Foot traffic in 2 hours
- Excellent abrasion resistance
- Excellent chemical resistance
- High compressive strength

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Grey
Component	Portland cement, fast setting cement, graded sand, polymer, non-reactive aggregate, and other chemical additives
Density	Approx. 2.0 kg/litre (dry), 2.1 kg/litre (wet)
Thickness	3 - 10 mm
Water Demand	Approx. 21 - 23% or 5.3 - 5.8 litres/25kg bag
Time for Foot Traffic	Approx. 2 hours
Compressive Strength (ASTM C349: 2018)	17.7 N/mm ² (1 day) 30.4 N/mm ² (7 days) 40.9 N/mm ² (28 days)
Flexural Strength (ASTM C348: 2021)	4.18 N/mm ² (1 day) 6.67 N/mm ² (7 days) 9.22 N/mm ² (28 days)
Abrasion Resistance (ASTM D4060: 2019)	1350 (Wear Index)
Linear Shrinkage (ASTM C531: 2018)	0.014 % (7 days) 0.026 % (28 days)
pH value	Approx. 11

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.

PRECAUTIONS

Do not use on substrates with rising moisture, or else pinholes may occur. Always apply when the substrate is at ambient temperature, and not below 8°C until the membrane has fully cured. Ensure that the coating is thoroughly dry and free of pinholes before proceeding to the next layer. Do not allow temporary ponding between coats or on the final coating by mopping the surface water away. Do not apply directly to insulation boards.

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for overlayment applications

PROCEDURE & APPLICATION



Substrate Preparation

Survey the level of the existing substrate to determine the thickness of the underlayment to be used. All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. The receiving substrate should have a minimum tensile strength of 1.0 N/mm². Contraction and construction joints that may be subjected to movement must be maintained as joints on the new surface.



Mixing

Prime the substrate by brushing diluted Weberfloor Prime with clean water at the ratio of 1:5 for the first coat, and 1:3 for the second coat. Allow each primed layer to dry tacky before applying the next layer. Mix a bag of Weberfloor 560 with the required amount of clean water using an electric mixer for 2 - 4 minutes.



Application

Apply Weberfloor 560 with an appropriate mixer pump or manually with a trowel or steel spatula within 20 minutes. For machine application, adjust the flow rate of the machine until a homogenous mixture is obtained without segregation. Weberfloor 560 is pumped onto the surface through the discharge hose, which is moved across the substrate surface at a constant pace for a uniform thickness. Levels may be corrected by applying a greater or lesser amount of material as required. Falls may be maintained by pumping from the higher end to the lower end. The freshly applied material can be gently troweled with a steel spatula to dissipate lines left by the hose. Spike rollers may be used to remove air bubbles. The semi-hardened material can easily be cut for any necessary adjustments.

Light ventilation is recommended during and after laying, but dehumidifiers should not be used for the first 2 days. Curing membranes is not required.

CONSUMPTION

Approx. 5 m² @ 3 mm.

STORAGE & PACKING

Weberfloor 560 is available in 25 kg bags.
Shelf life is 12 months if unopened, and kept in dry and cool conditions.

HEALTH & SAFETY

Weberfloor 560 contains cement, which may produce an allergic effect. Material may irritate eyes and skin. In case of contact with eyes, rinse immediately with plenty of water, and seek medical assistance. After contact with skin, wash immediately with plenty of soap and water. 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. (Apr '26)

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