

# Weber Décor Floor

Self-levelling, silicate-based industrial & decoration flooring

Weber Décor Floor is an eco-friendly, VOC free, self-levelling, fast cure, floor finish for seamless floors with excellent durability and abrasion resistance.



## PRODUCT BENEFITS



**SELF  
LEVELLING**



**SEAMLESS**



**ABRASION  
RESISTANT**

## USES

Weber Décor Floor is for areas with extreme weather conditions, high mechanical loads like garages and production areas for indoors and outdoors. It can create slip-resistant, various decorative floor according to project needs.

## ADVANTAGES

- Water vapour permeable
- Abrasion, salt water, UV, chemicals resistance
- Anti-static (DIN EN 61340.-5-1)
- No shrinkage, blistering, natural crazing/cracks

## TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White/Very Light Grey
Hardness Classification (DIN EN 13813)	CT-C40-F8
Resistance to Abrasion (BCA Test)	AR 0.5
Application Temperature	5°C to +45°C
Application Time @ 20°C	Approx. 35 minutes
Thickness	2mm - 50mm per layer
Water Demand	Approx. 18 % or 4.5 litres/25 kg bag
Bulk Density	Approx. 1.1 kg/dm <sup>3</sup>
Fresh Mortar Density	Approx. 2 kg/dm <sup>3</sup>
Compressive Strength (DIN EN 13892)	40 N/mm <sup>2</sup>
Flexural Strength (DIN EN 13892)	8 N/mm <sup>2</sup>
Modulus of Elasticity	10 N/mm <sup>2</sup>
Slip Resistance (DIN 51130)	R10 R11 - R13 (With added quartz sand)
Chemical Resistance	pH 3-14
Heat Resistance	-40°C to 500°C
Fire Resistance (DIN EN 13813)	A1

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. 1.8kg/m<sup>2</sup>/mm

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## LOAD CAPACITY

Type	Curing Duration (@ 20°C)
Foot Traffic	After 4 hours
Light Load	After 24 hours
Heavy Load (Indoor) / Heavy Load (Outdoor)	After 4 days / After 7 days

## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. It must have a tensile strength of  $\geq 1.5\text{MPa}$ . Surface preparation by shot-blasting, scarifying, or grinding is recommended. Cracks and deep pits must be filled with Weber Décor Floor mixed with dry sand. For porous surfaces, apply Weberprim 120 as primer, it should be tacky.



### Mixing

Put the required amount of clean water into a batch mixer, at low speed, and slowly pour Weber Décor Floor powder in and mix for 0.5 - 1 minute. Turn the mixer to high speed for 2 minutes. Turn off the mixer and leave to set for 3 minutes. Mix again at slow speed for 1 minute. If adding materials such as sand or aggregates, slowly pour in and mix for 1 minute to ensure the mixture is completely mixed.



### Application

Use a level spreader or screed box to lay the mixture. Use a hand trowel or smoothing squeegee to smoothen the surface. For narrow areas, or corner edges, use a hand trowel. Use a spike roller to roll evenly over the smoothed surface. Roll perpendicularly and avoid doing it too quickly. Do not roll on areas where the material has begun to set. The surface must be protected from drying too quickly for at least 24 hours. For outdoor applications with direct sunlight or strong winds, it will be necessary to cover.

## CLEANING

Clean the tools and equipment immediately after use with water.

## STORAGE & PACKING

Weber Décor Floor is available in 25 kg bags.  
Shelf life of 12 months if unopened and kept at temperatures between 10°C to 25°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. (Jun '23)

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