

# Weberfloor EP 550 MS

**Heavy duty epoxy mortar screed**

**Weberfloor EP 550 MS** is a three-component, high performance, solvent-free, epoxy flooring system specifically developed for a wide range of application. Weberfloor EP 550 MS can be applied onto concrete or cement screed surface to provide a seamless topping.



## PRODUCT BENEFITS



**SOLVENT FREE**



**COMPRESSIVE STRENGTH**



**ABRASION RESISTANT**

## USES

Weberfloor EP 550 MS is formulated for food and beverage, industrial, multi-level car parks, motor workshops, warehouses, and chemical processing plants.

## ADVANTAGES

- Excellent compressive strength
- Excellent bonding strength
- Excellent abrasion resistance
- Ease of application
- Solvent free
- Slip resistant

## TECHNICAL DATA & PHYSICAL PROPERTIES

|   |                         |
|---|-------------------------|
| <b>Pot Life @ 25°C</b>                              | Approx. 45 – 50 mins    |
| <b>Initial Cure</b>                                 | Approx. 6 hours         |
| <b>Full Traffic</b>                                 | Approx. 24 hours        |
| <b>Solid Content</b>                                | 100 %                   |
| <b>Mixed SG</b>                                     | Approx. 1.8 – 2.1       |
| <b>Tensile Adhesion Strength (Concrete Failure)</b> | > 1.5 N/mm <sup>2</sup> |
| <b>Compressive Strength</b>                         | 90 N/mm <sup>2</sup>    |

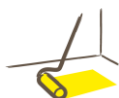
Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

## PROCEDURE & APPLICATION



### Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease and any of contaminants. Remove by using industrial detergent follow by scrubbing. The concrete surface must be shot-blast, scarifying or grit blasting followed by vacuum cleaning.



### Application

Surface must be primed using Weberprim EP 500 PR. Use speed mixer mix one-unit Weberprim EP 500 PR until the mix is uniform. Apply Weberprim EP 500 PR by brush or paint roller. Depending on the substrate condition, Weberprim EP 500 PR (5kg set) will cover approximately 20 – 25 m<sup>2</sup>.

Use a pan mixer to mix Weberfloor EP 550 MS. Mix one unit of Part A and one unit of Part B evenly, slowly adding into Part C (filler), further mix until homogenous. Apply Weberfloor EP 550 MS onto primed (wet to wet) substrate by using wooden float follow by steel trowel or power float machine.

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## CONSUMPTION

Approx. 2.5 – 2.8 m<sup>2</sup> per 5mm thick coating application for 27 kg set.

## CLEANING

Clean immediately after use with thinner. Hardened material can be removed mechanically.

## STORAGE & PACKING

Weberfloor EP 550 MS is available in 27 kg sets (Part A – 2.20 kg pail + Part B – 0.80 kg pail + Part C – 24kg bag).

Shelf life of 12 months if the product is unopened, original containers, under dry and cool condition.

## HEALTH & SAFETY

Wear protective clothing, gloves, mask and goggles especially during mixing and application process as Weberfloor EP 550 MS contains certain chemicals that can cause skin irritation if exposed and respiratory reaction if inhaled. Handle with care and in the event of eyes and skin contact, wash with plenty of water and seek medication attention if irritation persists.

\*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. (Mar '21)



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