

# Weberfloor Liquid Hardener & Dustproofers

Surface hardener and curing compound for concrete

Weberfloor Liquid Hardener & Dustproofers is a one-part clear liquid, used to harden the surface and reduce dusting of new or old concrete. It can be used as a curing agent to reduce the loss of water of new concrete while setting.



## PRODUCT BENEFITS



FLOOR HARDENER



EXCELLENT STRENGTH



HEAVY DUTY TRAFFIC

## USES

Weberfloor Liquid Hardener & Dustproofers provides abrasion and wear resistance for old and new floor such as commercial and industrial. It is suitable for warehouses, factories, carparks, driveways, garages, loading bays, exhibition halls, and showrooms.

## ADVANTAGES

- Increase abrasion resistance
- Improve resistance to impact
- Reduce dusting of concrete floor
- Reduce water absorption

## TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Clear liquid
Solid Content	34.6 %
Density	Approx. 1.26 g/cm <sup>3</sup>
Curing Efficiency (ASTM C156)	Loss of water: 0.43 kg/m <sup>2</sup> 21.82% [vs ASTM C309 (100%: 0.55kg/m <sup>2</sup> )] 88.44 % [vs untreated concrete (100%: 3.72kg/m <sup>2</sup> )]
Capillary Water Absorption (EN 1062-3)	25.51 % *
Abrasion Resistance (EN 12808-2)	23 % *
Pull-off Test (EN 1542)	34.34 % *
Schmidt Hammer (ASTM C805)	33.33 %*

\*% better than untreated concrete

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. 0.20 kg/m<sup>2</sup> per coat application.

## PRECAUTIONS

Excess might cause a weak and glossy film on the surface. Do not use the sprayer when using silicone or release agents. Weberfloor Liquid Hardener & Dustproofers will not compensate for poor substrates and should be applied to at least 7-day aged concrete.

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### PROCEDURE & APPLICATION



#### Substrate Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. New concrete should be left for at least 14 days to set. There should not be bleeding water on the surface. Repair the holes, cracks, uneven surfaces with repair mortar, E.MIX DP Non Shrink Grout. Leave the repaired surface for 28 days and test Weberfloor Liquid Hardener & Dustproofer on a small area.



#### Application

Use an appropriate tool to apply Weberfloor Liquid Hardener & Dustproofer on the surface. A low-pressure sprayer could be used for large areas. Allow Weberfloor Liquid Hardener & Dustproofer to absorb into the surface for 60-120 minutes. Clean the unabsorbed product away. Polish the entire surface with a machine or other appropriate tool. Remove the remaining product. If a second coat is required (high absorption surface), leave the first coated surface for 2 - 4 hours. Make sure the surface is dry before the second application of polishing. Clean the tools immediately after use.

### STORAGE & PACKING

Weberfloor Liquid Hardener & Dustproofer is available in 20 kg pails and 200 kg drums. Shelf life of 12 months if unopened, and kept in dry and cool conditions.

### HEALTH & SAFETY

Weberfloor Liquid Hardener & Dustproofer contains materials, 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. (Jan '23)

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