

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, to reduce dusting of new or old concrete. The product can also be used as a curing agent to reduce the loss of water of new concrete while setting.

PRODUCT BENEFITS



USES

Weberfloor Liquid Hardener & Dustproofers is designed to provide high abrasion and wear resistance for both old and new floor applications such as commercial and industrial – factories, warehouses flooring. It is also suitable for car parks, driveways, garages, loading bays, exhibition halls, and automobile showrooms.

ADVANTAGES

- Increase abrasion resistance
- Improve resistance to impact
- Reduce water absorption
- Reduce dusting of concrete floor
- Use as curing agent, to reduce the loss of water of new concrete

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	Clear liquid
Solid Content	34.6 %
Density	Approx. 1.26 g/cm ³
Curing Efficiency (ASTM C156)	Loss of water: 0.43 kg/m ² Loss of water compared to ASTM C309 (100%=0.55kg/m ²): 21.82 % Loss of water compared to untreated concrete (100%=3.72kg/m ²): 88.44 %
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.

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PROCEDURE & APPLICATION



Substrate Preparation

New concrete should be left for at least 14 days to set. There should not be bleeding water on the surface. The surface to be coated with Weberfloor Liquid Hardener & Dustproofer should be dry, clean, free from any dust, trace of oil or grease, or any other contaminations. Repair the holes, cracks, uneven surfaces with repair mortar, E.MIX DP non shrink grout. Leave the coloured surface for 28 days and test Weberfloor Liquid Hardener & Dustproofer on a small area to evaluate the effect on the colour.



Application

Use an appropriate tool to coat Weberfloor Liquid Hardener & Dustproofer on the surface. A low-pressure sprayer could be used for large areas.

Leave for 60–120 minutes for Weberfloor Liquid Hardener & Dustproofer to be absorbed in the surface. 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.

CONSUMPTION / USAGE

Approx. 0.20 kg/m² per coat application.

STORAGE & PACKING

Weberfloor Liquid Hardener & Dustproofer is available in 20 kg pails and 200 kg drums. Shelf life of 12 months if unopened product in original packaging is kept sheltered and dry, away from rain and sunlight.

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.

PRECAUTIONS

An excess of product might cause a weak and glossy film on the surface. Do not use the sprayer together with silicone or release agents. Weberfloor Liquid Hardener & Dustproofer will not compensate for poor substrates, substrates with high porosity, damaged substrates, or substrates with low cement content. Weberfloor Liquid Hardener & Dustproofer should be used on at least 7-day aged concrete.

*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 '21)

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