

weberfloor liquid hardener

Surface hardener and curing compound for concrete

- Ready to use
- Improve abrasion resistance
- Improve resistance to impact
- Reduce water absorption
- Reduce dusting of concrete floor
- Use as curing agent, to reduce loss of water of new concrete
- Can be used with new and old concrete



Product description

weberfloor liquid hardener 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 loss of water of new concrete while setting.

Consumption

0.25 kg/m²/coat

Packaging

25 kg gallon

Color

clear liquid



weberfloor liquid hardener

Concrete/substrate preparation

- New concrete the concrete should be left for at least 14 days to set and there should not be bleeding water on the surface.
- The surface to be coated with **weberfloor liquid hardener** should be dry for the good absorption of the product, clean, free from any dust, any trace of oil or grease, or any other contaminations.
- Repair the holes, cracks, uneven surfaces with repair mortar from Weber.
- Leave the colored surface for 28 days and test **weberfloor liquid hardener** on a small area to evaluate the effect on the color

Application

1. Use appropriate tool to coat **weberfloor liquid hardener** on the surface. Low pressure sprayer could be used for large areas.
2. Leave for 60–120 minutes for **weberfloor liquid hardener** to absorb in the surface. Clean the product that is not absorbed into the surface.
3. Polish the entire surface with a machine or other appropriate tool.
4. Remove the remaining of the product.
5. If 2nd coat is required (high absorption surface), leave 1st coated surface for 2 – 4 hours. Make sure the surface is dry before 2nd application of polishing.
6. Clean the tools immediately after use.



weberfloor liquid hardener

Notes on application

1. Excess product might cause weak and glossy film on the surface.
2. Do not use the sprayer together with silicone or release agents.
3. **weberfloor liquid hardener** improves abrasion resistance of the surface comparing to untreated concrete. But the property could be reduced by the application conditions.
4. **weberfloor liquid hardener** will not compensate for poor substrates, substrates with high porosity, damaged substrates, or the substrates with low cement content.
5. **weberfloor liquid hardener** should be used on at least 7-day aged concrete.

Shelf life and storage:

Store in dry conditions and away from sunlight in closed packaging provides 12 months shelf life.



weberfloor liquid hardener

Technical data

Properties	Standard	weberfloor liquid hardener
Solid content	-	34.6%
Density	-	1.26 g/cm ³
Curing efficiency – water retention	ASTM C156	Loss of water: 0.43 kg/m ²
		Loss of water compared to ASTM C309 (100% = 0.55 kg/m ²): 21.82%
		Loss of water compared to untreated concrete (100% = 3.72 kg/m ²): 88.44%
% better than untreated concrete		
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%