

SILIKAT FLOOR SKF-203-1K WB

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Revision : 01
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SKF-203-1K WB is a waterproof sealer made of silicon-based resins which has excellent performance of sealing effect and impermeability on the concrete and terrazzo. It provides :



1. Smooth and semi gloss surface
2. Good sealing properties
3. Good water and stain resistance
4. Good abrasion resistance

PRODUCT SPECIFICATION

Type	:	One component silicon-based floor sealer
Color	:	White emulsion
Finish	:	Semi gloss
Solid mixture by weight	:	± 22%
Specific gravity	:	± 1.20 gr/cc
Material consumption	:	0.20-0.3 kg/m ²
Flash point	:	-
Drying time	:	
Surface dry	:	30 minutes (30°C)
Hard dry	:	12 hours (30°C)
Packaging	:	1, 5 and 20 liter
Storage stability	:	24 months stored in cool dry place and in the original packing
Mixing ratio by weight	:	-
Pot life	:	-
Thinner	:	Water
Application method	:	Spray and mop
Re coating interval	:	16-24 hours (30°C)
Application temperature	:	25-35°C
Humidity maximum	:	

Provide adequate ventilation during application and drying

SURFACE PREPARATION

Compressive strength of concrete floor must be higher than 25 N/mm² (more than 28 days). Temperature of substrate must be more than 3°C above current dew temperature. Surface must be structurally sound, clean, and free from loose particles, oil, grease, and other contaminants. Clean oil, grease and wax using scrubbing method by industrial grade detergent or degreasing compound followed by mechanical cleaning. Use shot blasting, scarifying or grinding then followed by vacuum cleaning to remove all particle dirt.

APPLICATION

Function	Product and Tools	Coating amount	Curing Time
Penetrate	Grind starting with an orbital floor machine, floor sander or diamond grinding machine equipped with 50 to 200 grit sanding screen, diamond disc or diamond abrasive pads. Wash off or vacuum all sanding dust and debris then allow floor to dry. Apply SILIKAT FLOOR SKF-201-1K WB by spray, let it penetrate 2 - 4 hours. To enhance sheen, once dry, burnish using high speed burnishing equipment fitted with 400 grit or higher diamond impregnated burnishing pads.	0.20-0.30 liter/m ²	± 24 hours (30°C)
Top Seal	Apply SILIKAT FLOOR SKF-203-1K WB by spray, let it penetrate 30 - 120 minutes. To enhance sheen, once dry, burnish using high speed burnishing equipment fitted with 800 - 2000 grit of higher diamond impregnated burnishing pads. Area can be used in 24 hours for foot traffic and 3 days for vehicular traffic	0.10 liter/m ²	

SAFETY PRECAUTION

This product does not contain aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.

This product is non flammable.

For more information, please refer to our safety data sheet

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.