

FLOORGUARD MINERAL

Highly efficient transparent surface hardener and dust binder for making mineral surfaces dust-free and abrasion-resistant



Product description

Floorguard Mineral is a waterborne 1-component dust binder based on sodium silicate.

Floorguard Mineral undergoes a chemical reaction in the surface. The result is a hard and dense top layer that is more resistant to abrasion. The sealing of the surface makes the surface resistant against penetration of dirt and moisture. Hardening of the top layer will prevent the floor from dusting even with frequent use.

Use

Floorguard Mineral is applied both indoor and outdoor on old and new concrete floors. Examples are warehouses, shops, parking buildings and gas stations.

Characteristics

- 1-component
- Solvent free and odourless
- Transparent
- Hardens quickly
- Vapor permeable
- Suitable for light to mild wear and tear
- UV resistant

Technical data

Odour:	Odourless
Colour:	Transparent
Specific weight:	1,37 kg/L
pH:	~ 12
Flashpoint:	>100°C

Application conditions

Ambient temperature:	maximum 30°C, minimum 10°C
Substrate temperature:	maximum 30°C, minimum 10°C
Relative humidity:	maximum 85%

Instructions

Surface preparation

1. The surface must be completely clean, dry and dust-free. Remove oil, grease, dirt, coatings and other contaminations beforehand and allow the floor to dry completely.
2. Application
3. Apply Floorguard Mineral evenly with a low-pressure sprayer. Make sure that the substrate is completely wet. Dry spots will cause weak spots in the surface.
4. Rub the material into the floor with a soft broom or floor scrubber for 30 minutes. The material will gel and become slippery during this time.
5. Apply an even amount of water to the substrate using a low pressure sprayer and rub the material into the substrate again for 10-20 minutes.
6. Remove all excess material from the subfloor with a squeegee, vacuum or mop. Excess material that is not removed will have difficulty curing or cause white spots.
7. On very porous and rough surfaces a second treatment may be necessary. The application of a second coat can be done 2-4 hours after the first coat, depending on the ambient temperature.

Packaging

5 L

Drying

Dried:	After approx. 5 hours at 20°C
Fully cured:	After approx. 7 days

Consumption

Consumption is 4 – 7 m²/L per layer. Consumption is influenced by the absorbance and porosity of the surface.

Practical information

- Do not dilute or mix with other products
- Low temperatures and high humidity will slow down the gel formation.
- The waterproofing of the floor will slowly increase after treatment during 7 days.
- By rubbing the material into the substrate for 40-50 minutes, the penetration will be optimized. Only in this way the best properties can be obtained.
- Clean low-pressure spraying equipment immediately after use with water. Cured material can only be removed mechanically and can lead to clogging.

Storage

Can be kept for at least 12 months in original unopened packaging. Store in a cool, frost-free place.

Health and safety

Causes burns and eye damage. Avoid skin and eye contact, wear suitable gloves, protective clothing and goggles. If in doubt, always consult the safety data sheet or our R&D department.



Technical support

Mavro is ISO 9001 certified: your guarantee of quality, in terms of products and advice. Our technical consultants and R&D department are always at your service. We are happy to look at your problem or wish with you. Help you with our products or find a solution if it does not yet exist. Call, e-mail or drop by.

Mavro International, Heksekamp 1, 5301 LX Zaltbommel
T. +31 418 680 680
E. info@mavro-int.com
W. www.mavro-int.com

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