



KOROMINERAL Glaze

per 03/2021

special impregnation – coloured surface modification on the basis of lithium silicate

DESCRIPTION

KOROMINERAL Glaze is a 2-component impregnation on the basis of lithium silicate for surface modification of cementitious sub-bases in the colour tones stone grey or mouse grey (no standard RAL-colours).

APPLICATION

KOROMINERAL Glaze is used for the impregnation of cementitious screed or concrete surfaces, especially of KORODUR screeds. Due to its pigmentation, KOROMINERAL Glaze is particularly suitable for the use on new, optically irregular concrete surfaces, but also on existing old floors. The treated surface is optically enhanced. In addition, the surface is protected against the penetration of liquids, e.g. oil, grease etc. KOROMINERAL Glaze is not permanently water-resistant.

PROPERTIES

- improved surface optics and properties
- increased density
- water-repellent effect
- improved surface hardness and chemical resistance
- less dusting
- improved cleanability

TECHNICAL DATA

Condition	liquid
Colour	stone grey mouse grey
Material consumption depending on the absorbency of sub-base precise values can be ascertained in pilot tests	smoothes surfaces approx. 200 - 250 g/m ² rough surfaces approx. 300 - 350 g/m ²
Yield per 10 kg unit	approx. 30 - 50 m ²

PROCESSING

The impregnation of freshly installed concrete or screed surfaces with KOROMINERAL Glaze can be carried out at the earliest after the surface has dried. The residual moisture in the sub-base must be < 4 CM-%.

Sub-base

The sub-base must be dry, solid, clean, absorbent and free from oil, grease and other contamination with separating effect. For preparation of the sub-base, an intensive wet cleaning with rough (e.g. black) pads is required. For tenacious sinter layers or very dense floor coverings, grinding of the surface (with metal-bonded diamond tools approx. #80) or brushing (steel brushes) is required. After grinding, wet cleaning (fine cleaning) is required using scrubber/vacuum cleaning machine. Before the application of KOROMINERAL Glaze, the residual moisture of the sub-base must be ascertained. This must be < 4 CM%, otherwise later colour differences may occur. No rising moisture acc. to ASTM D4263 (PE-film). Check with TRAMEX moisture meter with display scale < 5%. The surface temperature should range between 10 °C and 25 °C.

Processing

Before use, briefly stir components A and B. Then pour component B into component A under slow stirring. Then mix for 3 minutes with electric stirrer. For processing, the refilling in a separate container is recommended.

KOROMINERAL Glaze must be processed within 60 minutes (at 20 °C) after mixing. Don't process older material! Apply uniformly with short-pile nylon roll in 2 operations. Work cross-wise. Depending on the prevailing temperature, the drying time between the working steps takes 1 - 3 hours. When processing, avoid exposure to sun radiation. During the hardening, the relative air moisture must not exceed 70 %. Protect fresh surfaces from dew water and other moisture.

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After a drying time of approx. 4 - 5 hours, the surface is ready for walking stress, after 48 hours for mechanical stress. Take care for good ventilation during drying. Protect the surfaces from moisture for 7 days. Wet cleaning should be carried out earliest after 7 days. The use of highly alkaline basic cleaners should be avoided. In case of need, use alkaline cleaners only after 6 months and only in low dosage (see separate hints on cleaning and routine maintenance).

SUPPLEMENTARY HINTS

Environmental protection

Water hazard class: WGK 1 (low hazardous to waters). No discharge in sewer system.

Component A: Waste disposal code/waste definition acc. to EAK/ AVV. 08 02 99 waste from HZVA of other coatings (including ceramic materials): Dispose wastes according to the legal regulations.

Completely emptied packaging can be recycled.

Component B: Waste disposal code/waste definition acc. to EAK/AVV. 08 02 99 waste from HZVA of other coatings (including ceramic materials): Dispose wastes according to legal regulations. Handle contaminated packaging in the same way as the substance itself

Labeling acc. to Regulation (EG) No. 1272/2008 [CLP]

Component A: Causes skin irritation and serious eye damage. Contains epoxy compounds. May produce an allergic reaction. Do not inhale dust/fume/gas/mist/vapor/aerosol. Wear protective gloves, protective work clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for a few minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin irritation: get medical advice/attention.

Component B: Causes skin irritation and serious eye damage. Contains epoxy compounds. May produce an allergic reaction. Wear eye protection/face protection. IF IN EYES: Rinse cautiously with water for a few minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call POISON INFORMATION CENTRE/doctor immediately.

SUPPLY

10 kg twin pack

STORAGE

Dry and frost-free in closed original containers, in upright position.
Shelf-life approx. 12 months.

HINTS The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.