



# KOROMINERAL

per 03/2021

## liquid impregnation – surface modification on silicate basis

### DESCRIPTION

KOROMINERAL is a liquid, transparent impregnation on silicate basis for the improvement of mineral surfaces. Due to the increasing silicification, the cement matrix improves in the course of time. A significant improvement of the wear resistance is not possible.

### APPLICATION

KOROMINERAL is used for the impregnation of concrete or screed surfaces. KOROMINERAL is especially suitable for mineral sub-bases, such as screeds and cementitious industrial floors, for storage and production areas, cold stores etc.

KOROMINERAL provides solidification and densification of the pore structure in the grinding procedure.

### PROPERTIES

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

### TECHNICAL DATA

<b>Condition</b>	liquid
<b>Colour</b>	transparent
<b>Density</b>	1,12 g/cm <sup>3</sup>
<b>pH-value</b>	approx. 11,3
<b>Processing temperature</b>	5 °C - 35 °C
<b>Material consumption depending on the absorbency of sub-base</b> Precise values can be ascertained in pilot tests.	approx. 100 - 200 g/m <sup>2</sup>
<b>Yield per 30 kg unit</b>	approx. 150 - 300 m <sup>2</sup>

### PROCESSING

The impregnation of freshly installed concrete or screed surfaces with KOROMINERAL can be carried out at the earliest after the surface has dried. Irritations or colour differences will not be concealed by the application of KOROMINERAL.

#### Sub-base

The sub-base must be dry, solid, clean, absorbent and free from oil, grease and other contamination with separating effect. Wet cleaning of the surface, e.g. using cleaning machines, must take place immediately before the application of KOROMINERAL.

#### Processing

KOROMINERAL is supplied ready to use. It is applied undiluted in one working step until saturation is achieved. The application is carried out using e.g. a rubber squeegee, then rolling over cross-wise with short-hair lambskin roller. Excess material must be thoroughly removed (avoid formation of puddles). In order to remove residues, we recommend a wet cleaning of the floor with clear water (cleaning machines) after the application (approx. 30 minutes). In order to respond to the local conditions, we recommend to carry out pilot tests.



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**SUPPLY** ..... 30 kg plastic container

**STORAGE** ..... Dry and frost-free in closed original packaging. Reclose opened containers immediately.  
Shelf-life approx. 12 months.

**HINTS** KOROMINERAL has an alkaline reaction. Avoid contact with skin and eyes. Wear suitable protective gloves, work clothes and safety goggles when working. In case of contact with eyes rinse immediately with plenty of water and contact doctor. KOROMINERAL in fresh condition must not get in contact with glass or aluminium. If so, rinse with plenty of water. Spilled KOROMINERAL can immediately be removed with sand or any absorbent material. Keep out of the reach of children. Follow the instructions on the containers. 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](http://www.korodur.de).



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