



INDUSTRIAL FLOOR

KOROMINERAL Li+

Impregnation with Additive

HYBRID-LITHIUM SILICATE, LIQUID

FOR SILIFICATION OF MINERAL BUILDING MATERIALS

DESCRIPTION

KOROMINERAL Li+ is a liquid, transparent impregnation on basis of hybrid lithium silicate with integrated stain protector.

APPLICATION

KOROMINERAL Li+ is used for the impregnation of mineral, cementitious sub-bases, such as polished and not polished concrete floors/screeds, prefab concrete/terrazzo.

KOROMINERAL Li+ is used in commercial buildings, market halls, logistics centers, storage and production halls, supermarkets and private housing, indoors and outdoors.

PROPERTIES

KOROMINERAL Li+ penetrates deeply into the surface and reacts with the free lime to calcium silicate hydrate, (CSH), which gradually hydrates into a glass-like crystalline structure.

The penetration of liquids and other dirt is reduced. The surfaces are easier to clean and obtain increasingly more shine. The surface remains diffusion-open.

PROCESSING

The sub-base must be solid, clean and dry. The application is carried out uniformly using an airless gun (nozzle 0,2 - 0,3).

Immediately after the application (hand in hand with a second person) roll the surface with low pile roller (polyamide) or treat with microfiber mop. Avoid the formation of puddles.

Remove excess material after approx. 20 minutes with a scrubbing machine or polishing pad. The drying time ranges between 1 - 2 hours. In case of highly absorbent floors, two applications are recommended. The second application has to be carried out damp in damp, as the products builds up very quickly its repellent effect. Protect adjacent surfaces against splashing. Clean the tools with water. Remove excess material before drying on.

Avoid direct sun radiation during the application. The surface temperature should range between +5 °C and +35 °C. Avoid direct exposure to moisture until complete drying out.

In order to respect different local conditions, it is recommended to apply a test area!

CONSUMPTION

Depending on the suction property of the sub-base:

polished surfaces:
approx. 15 - 25 m²/liter

not polished surfaces:
approx. 10 - 20 m²/liter

Exact quantities can only be ascertained by prior tests.

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid
Certification: DIN EN ISO 9001:2008

SUPPLY / STORAGE

20 kg units

Frost-free and dry in closed original packing.

Shelf-life: 12 months

HINTS

KOROMINERAL Li+ is harmless to health after drying. Ventilate during and after the application. Special safety precautions must be observed when spraying.

Ingredients: silica, lithium salt, potassium methyl silane triolate.

Labeling according to Regulation (EC) No 1272/2008. Causes skin irritation. Causes serious eye damage

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention.

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