



KORODUR uniPrimer

per 04/2022

Low-viscosity universal primer for the pre-treatment of cementitious sub-bases

DESCRIPTION

KORODUR uniPrimer - liquid, solvent-free, one-component, ready to use - the universal primer based on acrylate, co-polymer and silicate for the pre-treatment of differently absorbent concrete sub-bases for coating with cementitious hard aggregate screeds.

APPLICATION

KORODUR uniPrimer for priming absorbent substrates. Suitable for subsequently applied coatings with bonding compound and KORODUR/NEODUR hard aggregate screeds as protection against too fast dehydration.

KORODUR uniPrimer reduces the absorption behavior of dry sub-bases and thus the time-consuming pre-wetting in case of industrial floor renovations e.g. with NEODUR HE 65 or NEODUR HE 60 rapid.

The sub-base is significantly improved. Evaporation of the KORODUR bonding compound HB 5 or HB 5 rapid is minimized by controlled suction behavior of the sub-base and a more uniform hydration of the bonded system is achieved.

PROPERTIES

- one-component
- low-viscosity, high penetration capacity
- fast-setting
- durably water resistant
- vapor-permeable
- ready to use
- solvent-free
- indoors and outdoors

TECHNICAL DATA

Condition	liquid
Colour	milky-white
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Density	1,05 g/m ³
pH-value	11,6
Material consumption depending on the absorbency of the sub-base	approx. 150 - 250 g/m ²
Hazard statements / labelling acc. to GefStoffV and VbF	not subject to labelling

PROCESSING

Sub-base The supporting concrete (min. grade C 25/30, surface bond strength ≥ 1.5 N/mm²) must be pre-treated, e.g. milling and shot-peening. For full bond, the surface must be free from cracks, level, free from loose and brittle debris and fine mortar slurry, rough and open-pored. The demands acc. to DIN 18365 and DIN 18560 apply. When using KORODUR uniPrimer, pre-wetting is not necessary under normal sub-base conditions. Only in case of highly absorbent sub-bases additional, matt damp pre-wetting may be advisable.

Processing Before application, stir KORODUR uniPrimer thoroughly. Spray KORODUR uniPrimer undiluted and uniformly covering. Avoid formation of puddles. For spraying, use commercially available spraying equipment with appropriate nozzles. Alternatively, application with long-pile lambskin roller is possible, however, this increases the consumption. Excess material should be avoided. For the subsequently coating with bonding compound and hard aggregate screed, KORODUR uniPrimer must be dry.

SUPPLEMENTARY HINTS

KORODUR uniPrimer does not replace the respective system bonding compound KORODUR HB 5 or HB 5 rapid.

SUPPLY

30 kg plastic can

STORAGE

Store in a cool, dry and frost-free place in the original container.
Shelf life approx. 12 months. Close opened containers immediately.

NOTE: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification): hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothes and safety goggles when working. 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



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