

KORODUR HB 5 rapid

Status 11/2021

fast-setting, mineral system bonding compound

DESCRIPTION

KORODUR HB 5 rapid is a fast-setting, mineral, ready to use system bonding compound for the full bond of NEODUR HE 60 rapid and fast screeds produced with KORODUR FSCem on set concrete.

APPLICATION

For the full bond of NEODUR HE 60 rapid and other fast screeds produced with KORODUR FSCem on set concrete. For indoor and outdoor use.

PROPERTIES

- fast-setting
- mineral
- reliable, durable
- water-resistant, suitable in wet areas
- chloride-free
- physiological and ecological harmless
- optimal bond
- vapor-diffusible

TECHNICAL DATA

Colour	grey
Temperature processing, ambient and sub-base temperature	≥ 5 °C
Water addition	approx. 5,5 l/25 kg bag
Material consumption depending on the surface structure and absorbency of the sub-base	approx. 2,0 kg/m²

PROCESSING

Sub-base

Prepare the base concrete (minimum grade C25/30, surface bond strength ≥ 1,5 N/mm²) e.g. by milling and shot peening. For full bond, the surface must be crack-free, level, free from loose particles and fine mortar slurry, rough and open-pore. The requirements of DIN 18365 and DIN 18560 apply. The flatness should comply with DIN 18202, table 3, line 3. Thorough pre-wetting of the base concrete one day prior to the application, avoiding formation of puddles.

Processing

Mix KORODUR HB 5 rapid with the specified quantity of water in a low-speed stirrer for minimum 2 - 3 minutes until a soft slurry forms. Do not apply too watery material. Distribute the ready mixed bonding compound on the prepared sub-base (the pre-wet base concrete must be matt-damp on the surface). Brush on with hard street broom approx. 1 - 2 mm thick. Do not apply on already drying bonding compound (shows skin formation) but remove. Apply the NEODUR HE 60 rapid fast-setting screed immediately on the still fresh bonding compound KORODUR HB 5 rapid to prevent premature drying of the bonding compound.

JOINTS

Joints in the sub-base have to be taken over. The bonded screed has to be separated from uprising masonry (walls, columns etc.).

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 12 months.

HINTS: This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. 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.

ISO 9001 Certified Quality Management System
www.tuv-sud.com/ms-cert

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