



KORODUR HB 5

mineral bonding compound

FOR THE PERMABOND COMPOUND OF CEMENTITIOUS SCREEDS ON SET CONCRETE

APPLICATION

KORODUR HB 5 – ready to use, cementitious bonding compound for the permabond compound of all grades of screeds including KORODUR hard aggregate screeds on set concrete.

Specially suitable for the KORODUR KOROTAN industrial flooring system, see technical data sheet. It is unaffected by possible subgrade moisture. For indoor and outdoor use.

PROPERTIES

- brown-coloured for visual control
- water-resistant, suitable for wet-rooms
- chloride-free
- optimum compound
- vapour-open

CONSUMPTION

approx. 2 kg/m² - depending on the surface structure and the absorptivity of the subbase.

Processing temperature: > 5°C
Surface temperature: > 5°C

PROCESSING

Subbase:

The base concrete, min. C 25/30 grade, must be pre-treated by milling, shot peening or high-pressure wash etc. For permabond compound the surface must be free from cracks, even, free from cement slurry, free from dust and loose particles, free from oils, greases and other contaminations, rough and open-pore. The surface strength has to be min. 1,5 N/mm².

The base concrete is to be pre-wetted 1 day prior to the installation, avoiding formation of puddles.

Mixing:

Add per 25 kg bag of KORODUR HB 5 approx. 5,5 litres water and stir for approx. 3 minutes with slow speed stirrer until a plastic consistency is achieved. Do not use over-moistened material.

Afterwards the material is brushed with hard street broom, approx. 1 – 2 mm thick, on to the prepared subbase – the surface of the pre-wetted subbase must be matt-damp. Take care that no colour fading/over-moisturing occurs. Then the screed is immediately applied onto the still fresh bonding compound KORODUR HB 5 to prevent too early drying out of the bonding compound.

JOINTS

Existing joints from the subbase have to be provided in the screed as well.

PRODUCTION/CONTROL producer:

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid Quality assurance acc. to DIN EN 13813

Certification: DIN EN ISO 9001:2000

PACKAGING/SUPPLY

25 kg special paper packaging

STORAGE

dry, like cement, shelf-life approx. 6 months.

HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect hands and eyes. In case of contact with eyes consult a doctor. Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery.

Further literature, processing hints, tender texts on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR special products are available on request.

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KORODUR International GmbH

Head Office:
Wernher-von-Braun-Str. 4
92224 Amberg
P.O. Box 1653 • 92206 Amberg
Phone: +49 (0) 96 21 / 47 59-0
Telefax: +49 (0) 96 21 / 3 23 41
info@korodur.de

Bochum-Wattenscheid Works:
Hohensteinstr. 19
44866 Bochum
P.O. Box 60 02 48 • 44842 Bochum
Phone: +49 (0) 23 27 / 94 57-0
Telefax: +49 (0) 23 27 / 32 10 84
wattenscheid@korodur.de

www.korodur.de

Hirschau Works (AKW-Kick):
Georg-Schiffer-Str. 70
92242 Hirschau
Phone: +49 (0) 96 22 / 1 83 15

