

NEODUR HE 65 plus

Plastic-modified, fibre-reinforced hard aggregate screed for concrete areas with highest mechanical stress - CT-C70-F9-A6

DESCRIPTION

NEODUR HE 65 plus is a ready-to-use, cementitious, plastic-modified hard aggregate screed on the basis of KOROUR hard aggregates. Installation in one layer as bonded screed on set base concrete, for layer thickness of 15 - 30 mm without additional bonding compound.

APPLICATION

For the installation of heavy-duty industrial floors, e. g. car parks, industrial halls, assembly halls, aircraft hangars, workshops and other industrial areas with heaviest stress

PROPERTIES

- without additional bonding compound
- fibre-reinforced
- pumpable
- resistant against gasoline, mineral oil, solvents
- highly wear resistant, even under most severe stress
- indoors and outdoors, water resistant, also for wet rooms
- non-slip, anti-skid
- frost- and de-icer resistant
- electrostatically non-chargeable
- high surface density
- constant quality by quality assurance acc. to EN 13813

TECHNICAL DATA

Quality*: CT-C70-F9-A6
Color: cement grey
other colors on request
Layer thickness: 15 - 30 mm
Water consumption: approx. 2,75 l/25 kg
Wear: ≤ 5cm³/50cm²

* NEODUR HE 65 plus also available in quality CT-C70-F9-A3 as NEODUR HE 65 plus SVS 3.

PROCESSING

Sub-base:

The base concrete (min. C 25/30, bond strength ≥ 1,5 N/mm²) must be prepared e. g. by milling and shot-peening. The surface must be free of cracks, even, free of loose and brittle parts and fine mortar enrichments for a perfect bond, as well as rough and open-pore.

The demands acc. to DIN 18365 and DIN 18560 apply. Levelness acc. to DIN 18202, table. 3, line 3. Pre-wet the sub-base thoroughly a day prior to the installation, avoid formation of puddles.

Apply NEODUR HE 65 plus on the mat-damp surface as bonding compound, water-diluted in slurry consistency using hard street broom.

Processing:

Mix NEODUR HE 65 plus in pan type mixer with water (water/solid value = 0,10 - 0,12) for approx. 3 minutes and apply on the slurried sub-base „fresh on fresh“ over gauges (round bars) using ALU-lath or vibrator beam, timely mechanical smoothing. Smoothing according to the requested surface structure (helicopter).

After-treatment:

Differing temperatures may influence the setting and hardening procedure. The produced NEODUR HE 65 plus screed must be protected from too rapid drying out acc. to DIN 13670 / DIN 1045-3.

We recommend an after-treatment with our products KOROMINERAL CURE or KOROTEX (see product data sheets).

Joints:

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

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, Works Wattenscheid
Cert.: DIN EN ISO 9001:2015

SUPPLY

25 kg special paper packaging lose in silo and in Big-Bag

STORAGE

Dry like cement, shelf-life approx. 12 months

HINTS

This product contains cement and has an alkaline reaction with moisture/water. Therefore protect eyes and skin. 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.

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KORODUR International GmbH
Head Office:
Wemher-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

www.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

