



INDUSTRIAL FLOOR

NEODUR HE 65 SVS 1,5 extra

mineral hard aggregate screed

**FOR TOPPING OF CONCRETE AREAS
FOR HEAVY STRESS**

DESCRIPTION

NEODUR HE 65 SVS 1,5 extra is a factory produced, ready to use cementitious hard aggregate screed with admixture of hard aggregates. Quality: CT-C70-F9-A1,5

Processing in one layer as composite screed for heavy stress acc. to DIN 18560, part 7.

APPLICATION

For the production of industrial screeds. As wearing layer in commercial and industrial areas e.g. in production halls, workshops, high-bay-stores and other industrial areas.

PROPERTIES

- wear-resistant, even under severe stress
- resistant against gasoline, mineral oil, solvents
- waterproof, qualified for wet rooms
- chloride-free
- anti-skid, non-slip also in case of oil and in wet rooms
- electrostatically non-chargeable
- improved surface density

TECHNICAL DATA

granulometry: 0 - 5 mm
layer thickness in composite: 4 - 15 mm
mixing time: ≥ 3 Minuten
consumption: 2,1 kg/m²/mm

PROCESSING

„fresh on fresh“

The base concrete must be produced at least as C 25/30 acc. to EN 206 (Attention: no use of air entrained concrete!). The surface must be produced in level within the tolerance limit acc. to DIN 18202. The fresh, just walkable base concrete is trowelled with disk float. NEODUR HE 65 SVS 1,5 extra is mixed with water in pan type mixer (water/solid ratio = 0,10 - 0,12) and, depending on the processing method, mixed for approx. 3 minutes. NEODUR HE 65 SVS 1,5 extra is applied on the fresh area and levelled over gauges (round bar) with aluminium lath or vibrating beam. Then follows grinding with disk float to close pores and, depending on the requested surface texture, smoothing (helicopter).

„on existing base concrete“

The base concrete DF ≥ 30 N/mm², bond strength ≥ 1,5 N/mm² must be pre-treated by milling, shot peening etc.. For non-positive composite the surface must be free from cracks, even, free from loose and brittle particles and cement laitance, rough and open-pore. The evenness should be acc. to DIN 18202, table 3, line 3. Pre-wetting of the prepared base concrete 1 day prior to the installation, avoiding formation of puddles. Application of KORODUR Bonding Compound HB 5 on the matt-damp surface, see data sheet. Installation of NEODUR HE 65 SVS 1,5 extra analogous to the processing instructions for "fresh-on-fresh" (layer thickness in middle 15 mm), whereby in this case the installation can be carried out almost joint-free (see data sheet (KORODUR-KOROTAN).

JOINTS

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

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening procedure. The NEODUR hard aggregate screed must be protected from too rapid drying out acc. to DIN 13670. For intermediate curing of the base concrete the product KOROCURE; for after-treatment of the NEODUR screed the products KOROTEX or KOROSEAL are recommended (see data sheets).

PRODUCTION/CONTROL

KORODUR WESTPHAL HARTBETON GMBH & Co. KG, works Wattenscheid. Quality control acc. to EN 13813 Certification: DIN EN ISO 9001:2008

PACKAGING/SUPPLY

25 kg special paper packaging, loose in silo

STORAGE

Dry, like cement. Shelf-life approx. 12 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 technique 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 sales and delivery.

per October 2015



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

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

