



INDUSTRIAL FLOOR

NEODUR HE 3

mineral dry mortar

FOR CEMENTITIOUS INDUSTRIAL FLOORS FOR DRY-SHAKE METHOD

DESCRIPTION

NEODUR HE 3 – acc. to DIN 18557 (factory mortars) and DIN EN 13813, ready to use, cementitious dry mortars for the production of industrial floors in dry-shake method. Available colours, see our KORODUR colour chart.

APPLICATION

For industrial floors to improve the surface hardness and the wear resistance of the floors being subjected to direct industrial stress. Indoors and outdoors.

TECHNICAL DATA

raw material basis:

hard aggregate mixture with special cements.

hardness acc. to Mohs: 7 - 8
grain size: 0 - 3 mm
compressive strength*: C 70

wear resistance (Böhme):

NEODUR HE 3 ≤ 5 cm³/50 cm²
NEODUR HE 3 SVS 3 ≤ 3 cm³/50 cm²
NEODUR HE 3 SVS 1,5 ≤ 1,5 cm³/50 cm²

wear resistance (BCA):

NEODUR HE 3 AR < 0,5

*physical data measured at specially produced specimen

CONSUMPTION

In middle 3 - 5 kg/m². In case of NEODUR HE 3 coloured execution, it is recommended to apply 5 - 6 kg/m² to achieve uniform colour intensity.

PROCESSING

NEODUR HE 3 is processed in dry-shake method for the production of industrial screeds with integrated wearing topping. Precondition for a correct processing of NEODUR HE 3 is the correct initial consistency of the previously installed concrete/screed. (Attention: not for air-entrained concrete!).

The installed concrete/screed must have set so far that the surface is just walkable. As soon as this point of time is given, the concrete/screed is trowelled by means of disk float in order to concentrate cement paste on the surface to serve as bond aid.

Apply NEODUR HE 3 uniformly in dry condition. Immediately after moisture penetration, work in the applied NEODUR material by using disk float.

A further analogous application can be carried out as long as the NEODUR dry mortar still moistens. Afterwards timely smoothing of the surface by using wing float.

AFTER-TREATMENT

Differing temperatures may influence the setting and hardening procedure. The produced NEODUR hard aggregate screed must be protected from too rapid drying out acc. to DIN EN 13670. For intermediate curing of the concrete we recommend the use of KOROCURE, for curing of the NEODUR screed the product KOROTEX or KOROSEAL (see technical data sheets).

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid
Certification: DIN EN ISO 9001:2008

PACKAGING / SUPPLY

Special paper packaging
NEODUR HE 3 25 kg bag
NEODUR HE 3 SVS 3 30 kg bag
NEODUR HE 3 SVS 1,5 30 kg 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 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.

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