



# NEODUR HE 3 metallic

## metallic dry mortar - non-rusting

**FOR CEMENTITIOUS INDUSTRIAL FLOORS  
FOR SPRINKLING METHOD**

### DESCRIPTION

**NEODUR HE 3 metallic** – ready to use, cementitious dry mortar on the basis of pure metallic, **non rusting material**. The metallic materials conform with the hard aggregates acc. to DIN 1100 – M 0/2 (KORODUR WH-metallic) for the production of heavy duty industrial floors in dry installation method.

### 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:** metallic, non-rusting aggregates with special cements.

**granulometry:** 0 - 2 mm

**compressive strength\***  
C 80, approx. 80 MPa

**tensile strength\***  
F 11, approx. 11 MPa

**wear resistance\***  
A 3, approx. 3 cm<sup>3</sup>/50cm<sup>2</sup>

**consumption:**  
in middle approx. 6 – 8 kg/m<sup>2</sup>

\*) Physical data measured  
at separately produced specimen

### PROCESSING

**NEODUR HE 3 metallic** is processed in sprinkling method for the production of industrial screeds with integrated wearing surface.

Precondition for a correct processing of **NEODUR HE 3 metallic** is the correct initial consistency of the previously installed concrete or screed.

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.

**NEODUR HE 3 metallic** to be applied uniformly in dry condition. Immediately after moisture penetration the applied NEODUR must be worked in by using disk float.

A further analogous application procedure can be carried out as long as the **NEODUR HE 3 metallic** 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 industrial floor must be protected from too rapid drying out acc. to DIN 1045.

We recommend an after-treatment with **KOROTEX / KOROSEAL**, see technical data sheet.

### PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid  
**Certification: DIN EN ISO 9001:2000**

### PACKAGING / SUPPLY

40 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.

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