



# NEODUR VB 8 NEODUR MV 35-8

## grouting concrete

### NON-SHRINK

#### DESCRIPTION

NEODUR VB 8 and MW 35-8 are factory-produced, ready to use, non-shrink, high-early-strength and normal binding grouting concretes for all kinds of grouting and assembly works.

#### APPLICATION

NEODUR grouting concretes are qualified for permabond grouting works, indoors and outdoors, for anchor and assembly holes, for grouting works under machinery equipment, crane rails and bridge bearings etc. Due to their final strength NEODUR grouting concretes are qualified for highest dynamic and static stress.

#### COMPOSITION

Binding agents acc. to DIN EN 197-1/DIN 1164, aggregates acc. to DIN EN 12139, approved concrete additives.

#### PROPERTIES

- easy to mix
- non-shrink
- high flowability
- chloride-free
- good bond to steel and concrete
- water impervious
- frost and de-icer resistant

#### TECHNICAL DATA

grains size grouting heights/widths:

NEODUR VB 8

0 - 8 mm > 50 mm

NEODUR MV 35-8

0 - 8 mm > 50 mm

water addition per unit:

NEODUR VB 8 approx. 3 – 3,5 ltr

NEODUR MV 35-8 approx. 3 – 3,5 ltr

swelling index: > 0,1 Vol.%

compressive strength after 24 hours:

NEODUR MV 35-8 > 25 N/mm<sup>2</sup>

NEODUR VB 8 > 35 N/mm<sup>2</sup>

compressive strength after 28 days:

NEODUR MV 35-8 > 45 N/mm<sup>2</sup>

NEODUR VB 8 > 65 N/mm<sup>2</sup>

processing temperature: > 5°C

yield per unit: approx. 12 – 13 ltr

#### PROCESSING

Clean subbase from loose particles such as dust, cement-slurry, oil and grease. Then thorough pre-wetting, avoiding formation of puddles. NEODUR grouting mortars to be mixed as complete units in pan type mixer or using stirrer (approx. 400 rpm) with the indicated quantity of water for at least 3 minutes. Cast the mortar voidless and without interruption avoiding air inclusions.

#### AFTER-TREATMENT

After-treatment acc. to DIN 1045. Differing temperatures may influence the stiffening resp. hardening procedure.

#### PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid

Cert.: DIN EN ISO 9001:2000

#### PACKAGING/SUPPLY

25 kg special paper packaging

#### STORAGE

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

#### HINTS

These products contain cement and have 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 and test certificates on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR dry mortars and special products are available on request.

per: September 2008



**KORODUR International GmbH** [www.korodur.de](http://www.korodur.de)

#### 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

