



# NEODUR SVM 03 NEODUR SVM 4

fast-setting and mast-grouting mortar  
**FOR HIGH-EARLY-STRESS**

## DESCRIPTION

NEODUR SVM 03 and SVM 4 are factory-produced, ready to use, high-early-strength fast-setting grouting mortars for grouting works and all kinds of assemblies.

## APPLICATION

NEODUR fast-setting grout mortars are qualified for permabond grouting works, indoors and outdoors, for anchor and assembly holes, for grouting works under machinery equipment, high-shelf supports resp. for grouting works where high early stress is to be expected.

NEODUR SVM 4 is specially qualified for grouting of railroad conduit masts, e.g. for the Deutsche Bahn AG (an engineering release by the Bahn AG is available).

## PROPERTIES

- fast-setting (short-term loadability)
- high flowability
- fast initial strength values (compressive strength and tensile strength)
- chloride-free
- good bond to concrete and steel
- frost and de-icer resistant
- no de-mixing
- constant quality – works and outside controlled

## TECHNICAL DATA

NEODUR SVM 03	SVM 4
grain size: 0 - 0,5 mm	0 - 3 mm
grouting heights:	
	5 - 30 mm    10 - 50 mm
water addition per unit:	
	approx. 5,25 ltr approx. 3 ltr
yield per unit:	
	12 - 13 ltr    12 - 13 ltr

mixing time: 80 seconds	2 Min
compressive strength:	
after 1 hour > 8 N/mm <sup>2</sup>	7 N/mm <sup>2</sup>
after 24 hour > 23 N/mm <sup>2</sup>	15 N/mm <sup>2</sup>
after 28 days > 55 N/mm <sup>2</sup>	40 N/mm <sup>2</sup>

## PROCESSING

Clean subbase from loose particles such as dust, cement-slurry, oil and grease. Then thorough pre-wetting, avoiding formation of puddles. NEODUR SVM 03 or SVM 4 to be mixed as complete units in pan type mixer or using stirrer (approx. 400 rpm) with the indicated quantity of water. Cast the mortar voidless and without interruption avoiding air inclusions.

## AFTER-TREATMENT

Aft-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. 3 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.

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