



Status 01/2021

## NEODUR SVM 03 / SVM 4

**mineral, hydraulic setting, highly flowable fast-setting grouting mortar for all kinds of grouting and assembly works**

### DESCRIPTION

NEODUR SVM 03 and SVM 4 fast-setting grouting mortars are ready to use, high early strength fast-setting grouting mortars for all kinds of grouting and assembly works, based on high-grade KORODUR aggregates.

- NEODUR SVM 03: grain size 0 - 0,5 mm
- NEODUR SVM 4: grain size 0 - 3 mm

### APPLICATION

For fast and full bond grouting works, e.g. anchor and assembly holes, to grout underneath of machines, turbines, craneway rails, steel and concrete supports, railing posts, constructions for signal equipment, high-shelf supports, pipe culverts and heavy-duty channels for traffic areas. NEODUR SVM 4 is particularly suitable for the grouting of catenary pylons for the electrification of railway lines.

### PROPERTIES

- fast-setting
- highly flowable
- fast initial strengths (can be stressed within short)
- solid bond to concrete and steel
- waterproof
- chloride-free
- easy to mix
- for indoors and outdoors

### TECHNICAL DATA

<b>Quality</b>	NEODUR SVM 03 NEODUR SVM 4	C35/45 C50/60
<b>Grain size</b>	NEODUR SVM 03 NEODUR SVM 4	0 - 0,5 mm 0 - 3 mm
<b>Compressive strength [N/mm<sup>2</sup>]</b>	NEODUR SVM 03	after 1 hour ≥ 8 N/mm <sup>2</sup> after 24 hours ≥ 23 N/mm <sup>2</sup> after 28 days ≥ 55 N/mm <sup>2</sup>
	NEODUR SVM 4	after 1 hour ≥ 7 N/mm <sup>2</sup> after 24 hours ≥ 15 N/mm <sup>2</sup> after 28 days ≥ 40 N/mm <sup>2</sup>
<b>Grouting height/width</b>	NEODUR SVM 03 NEODUR SVM 4	approx. 5 - 30 mm approx. 10 - 50 mm
<b>Water addition</b>	NEODUR SVM 03 NEODUR SVM 4	approx. 5,3 l/25 kg approx. 3,0 l/25 kg
<b>Yield</b>	all qualities	approx. 12 - 13 l/25 kg
<b>Temperature</b> processing, ambient and sub-base temperature	all qualities	≥ 5 °C

### PROCESSING

#### Sub-base

For full bond the sub-base must be free from cracks, flat, free from loose particles, dust, cement slurry, oils and greases. Pre-wet the sub-base thoroughly, avoiding formation of puddles.

#### Processing

Mix a complete bag NEODUR fast-setting grouting mortar with the specified quantity of water for approx. 1 - 2 minutes in suitable pan type mixer or with stirrer (approx. 400 rpm).

The grouting must take place void-free, without interrupting work. Take care for ventilation.

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## AFTER-TREATMENT

Differing temperatures may influence the setting and hardening process. NEODUR fast-setting grouting mortar must be protected from too rapid drying out acc. to DIN EN 13670 / DIN 1045-3.

## SUPPLY

25 kg special paper packaging

## STORAGE

Dry, like cement. Shelf-life approx. 3 months.

**HINTS:** This product contains cement and has an alkaline reaction with moisture/water. Therefore protect skin and eyes. In case of contact with eyes, consult a doctor. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: [www.korodur.de](http://www.korodur.de).