



NEODUR MSM 3 NEODUR MSM 5 NEODUR MSB 8

repair shotcrete mortar and concrete

FOR DRY SHOTCRETING, WITH MICROSILICA ADMIX

DESCRIPTION

NEODUR MSM 3, MSM 5 and MSB 8 are factory-produced shotcrete mortars and shotcrete concrete with microsilica admix for the dry shotcreting method.

APPLICATION

NEODUR MSM 3, MSM 5 and MSM 8 are used for the production of shotcrete mortars/shotcrete concrete for dry shotcreting method, for new construction and repair, e.g. concrete repair, drinking water reservoirs, for reinforcement of existing constructions. MSM 3, MSM 5 and MSM 8 allow problem-free overhead processing, smoothing and grinding.

PROPERTIES

- minor rebound
- water impervious
- frost and de-icer resistant
- good bond to concrete and steel
- chloride-free
- to be processed overhead
- fit for smoothing and grinding

TECHNICAL DATA

raw material basis:

special binding agent acc. to DIN EN 197-1/DIN 1164, specially selected and suitable aggregates acc. to DIN EN 13139/DIN EN 12620, microsilica admix.

grain size:

NEODUR MSM 3	0 - 3 mm
NEODUR MSM 5	0 - 5 mm
NEODUR MSB 8	0 - 8 mm

strength class: C30/37

yield per unit: approx. 12 ltr

processing temperature: > 5°C

PROCESSING

Subbase: Clean subbase from loose particles such as dust, cement-slurry, oil and grease down to the bearable subbase, if necessary roughening. Steel reinforcements and other elements to be fixed acc. to DIN 18551. Then pre-wetting.

Processing: NEODUR MSM 3, MSM 5 and MSB 8 can be processed using any customary dry shotcreting equipment.

After-Treatment: The freshly produced area must be after-treated acc. to DIN 1045 resp. be protected from too rapid drying out. Differing temperatures may influence the stiffening resp. the hardening procedure.

PRODUCTION

KORODUR Westphal Hartbeton GmbH & Co. KG, works Wattenscheid

Cert.: DIN EN ISO 9001:2000

PACKAGING/SUPPLY

25 kg paper bags,
loose in special silo trucks

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.

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