



# NEODUR SHOTCRETE MORTAR SM 5 NEODUR SHOTCRETE CONCRETE SB 8

## shotcrete mortar and shotcrete concrete

### FOR DRY SHOTCRETING

#### DESCRIPTION

NEODUR SM 5 and SB 8 are factory-produced shotcrete mortars resp. concretes for the dry shotcreting procedure.

#### APPLICATION

NEODUR SM 5 and SB 8 are used for the production of shotcrete mortars/shotcrete concrete for dry shotcreting method, for new construction and repair, e.g. for concrete repair, for strengthening of existing constructions. SM 5 and SB 8 can be ground and trowelled.

#### PROPERTIES

- impermeable to water
- frost and de-icer resistant
- good bond to concrete and steel
- chloride-free
- can be ground and trowelled

#### TECHNICAL DATA

Raw material basis: Special binding agents acc. to DIN 1164, specially selected and qualified aggregates acc. to DIN 4226.

grain size:

NEODUR SM 5 0 - 5 mm

NEODUR SB 8 0 - 8 mm

strength class: B 25

yield: approx. 12l / bag

processing temperature: > 5°C

#### PROCESSING

**Subbase:** Clean subbase from loose particles such as dust, cement grout. The subbase must be load bearing, if required, carry out roughening. Steel reinforcements and other elements must be fixed. The subbase must be matt-damp.

**Processing:** NEODUR SM 5 and SB 8 can be processed with any customary dry shotcreting equipment.

**After-treatment:** The freshly installed surface must be cured acc. to DIN 1045 resp. to be protected from too rapid drying out. Differing temperatures may influence the setting resp. hardening procedure.

#### PROCESSING

KORODUR Westphal Hartbeton GmbH & Co., works Wattenscheid

Zert.: DIN EN ISO 9001:2000

#### PACKAGING/SUPPLY

25 kg paper bags,  
loose in silo truck

#### 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 AGB.

Further literature, processing hints, tender texts on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR special products are available on request.



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