



Status 01/2021

NEODUR AM Super / AM Plus

mineral, hydraulic setting anchor mortar
for full bond anchoring of all kinds of rock bolts

DESCRIPTION

NEODUR AM Super and AM Plus are factory-produced, ready to use, non-shrink anchor mortar for the full bond anchoring of all kinds of rock bolts in mining and tunnel construction, for sole, sides, crown.

APPLICATION

NEODUR anchor mortar is pumpable and bonds without auxiliary aids in vertical drill holes overhead, also in difficult mountainous terrain. NEODUR anchor mortars are suitable for slope and rock stabilization as well as for the assembly of prefab elements, e.g. for grouting and filling of steel door frames.

PROPERTIES

- non-shrink (controlled dimensional expansion)
- solid bond also overhead in vertical drill holes
- high initial and final strengths
- frost-resistant
- chloride-free
- pumpable

TECHNICAL DATA

Quality	all qualities	C35/45
Grain size	all qualities	0 - 1 mm
Compressive strength [N/mm²] after 28 days	NEODUR AM Super NEODUR AM Plus	≥ 55 N/mm ² ≥ 80 N/mm ²
Swelling value	all qualities	> 0,1 Vol.%
Water addition	all qualities	ca. 5,0 l/25 kg
Yield	all qualities	ca. 12 l/25 kg
Temperature processing, ambient and sub-base temperature	all qualities	≥ 5 °C

PROCESSING

Mix a complete bag NEODUR anchor mortar with the specified amount of water for approx. 3 minutes in suitable pan type mixer and fill by means of piston or worm pump through conveyor hose into the anchor drill hole. After the filling process, the anchor is inserted.

SUPPLY

25 kg special paper packaging

STORAGE

Dry, like cement. Shelf-life approx. 6 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.