

Anchor mortar for natural stone NAM-I

For mortaring anchors into load-bearing structural components, both indoors and outdoors. Reaches full strength after approx. 30 minutes.

Technical information	
Mortar group:	M10 in accordance with DIN 998-2: NM III in acc. with DIN V 18580
Compressive strength:	≥ 10 N/mm ²
Grain size:	0 to 4 mm
Processing time:	approx. 15 minutes
Processing temperature:	+5°C to +30°C
Consistency:	malleable when used as masonry mortar
Water required:	approximately 3.5 l to 25 kg
Yield:	approximately 13 l from 25 kg
Quantities required:	dependent on the area and depth of the drilled hole
Storage:	store in dry conditions on wooden pallets
Delivery form:	25 kg sacks
Colour:	grey-brown

Properties:

- a hydraulically quick hardening mortar
- additive to improve and adjust the properties of the mortar
- quick setting and quick hardening properties, specially designed for fixing anchors
- smooth, flexible and easy to apply

Applications:

- to fix anchors for façade panels
- for mortaring anchors into load-bearing structural components
- for indoor and outdoor applications

Quality and safety:

- meets the requirements of the DIN 18352 and DIN 18332 standards
- cement in accordance with DIN EN 197
- graded silica sand, grain size 0-4 mm in acc. with DIN EN 13139
- quality controlled
- low chromate in accordance with TRGS 613

Subsurfaces:

Subsurfaces must be frost-free, clean, hard, load-bearing, resistant to deformation, and free of any materials that inhibit bonding. DIN 18332 and DIN 18352 must be observed. Extremely absorbent subsurfaces (drilled holes) must be pre-wetted.

Processing:

Pour approximately 3.5 litres of water into a clean container and slowly and thoroughly mix in one sack (25 kg) of anchor mortar for natural stone until a homogenous and lump-free consistency is achieved. Apply immediately (attention: the time available for applying slow-setting anchor mortar for natural stone is 30 minutes).

Slowly introduce the anchor mortar for natural stone into the drilled anchor-hole, or force it in using a hand press. Then push the anchor into place. Remove any excess mortar that emerges from the hole, ensuring that the mortar is flush with the subsurface. Depending on the type of mortar used (quick or slow-setting) the mortar will harden after approximately 10 minutes (quick-setting type) or after approximately 30 minutes (slow-setting type).

The times stated are valid when processing at normal temperatures (20°C, 65 % relative air humidity).

The fresh mortar must be protected from drying out and from unfavourable weather conditions such as frost, draughts, driving rain and direct sunlight. (If necessary cover with plastic sheeting.) Do not carry out works at air and surface temperatures below +5°C.

Apart from clean water, no other materials may be added to the slow-setting anchor mortar for natural stone. Once the mortar has started to stiffen, do not try to make it malleable again by adding water or more fresh mortar.

Yield:

1 tonne of dry mortar produces approximately 525 litres, and 25 kg produces approximately 13 litres of fresh mortar.

Quantities required:

dependent on the area and depth of the drilled hole

Storage:

Slow-setting anchor mortar for natural stone must be protected from moisture and stored in dry conditions, preferably on pallets.

Delivery form:

Slow-setting anchor mortar for natural stone is available in 25 kg sacks made of multi-layered paper.

Advice:

This product contains cement and produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes. See also the information printed on the sack.

The information provided is based on extensive tests and practical experience. It does not apply to every application situation. For this reason we recommend that you carry out a trial if necessary. Subject to technical alterations within the framework of further development. Our general terms and conditions apply.

Date of issue: December 2004





Further information is available from:
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