NAM-s

Anchor mortar for natural stone quick

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Anchor mortar with quick strength development

- strength after approx. 10 minutes
- compressive strength: ≥ 20 N/mm²

APPLICATIONS

- for mortaring anchors in sustainable components
- for indoor and outdoor applications
- for fastening anchors on facade cladding

PROPERTIES

- hydraulically curing and hardening
- smooth and easy to process
- fast curing behaviour especially designed for fastening anchors
- high early strength development

COMPOSITION

- cement in accordance with DIN EN 197-1
- graded silica sand according to DIN EN 13139
- calcium hydroxide in accordance with DIN EN 459-1
- low-chromate

SUBSTRATE

Properties/tests	■ The substrate must be frost-free, clean, firm, dimensionally stable and free of adhesion-reducing substances. ■ DIN 18332 and DIN 18352 are to be taken into account.
Pretreatment	■ Highly absorbent substrates should be wetted in good time, days before if need be.

Technical data sheet status: 04.06.2024
Sievert Baustoffe SE & Co. KG | Mühleneschweg 6 | 49090 Osnabrück
Tel +49 541 601-01 | Fax +49 541 601-853 | www.tubag.de | info@tubag.de

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PROCESSING

Temperature	■ Do not process, allow to cure or harden in air, material or substrate temperatures of less than +5°C and over +30°C, in direct sunlight, and/or in strong wind.
Mixing / Preparation / Processing	■ When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water. ■ Mix intensively and homogeneously lump-free with fast operating agitator. ■ **Process immediately** (Take note of processing time). ■ Do not mix with other products and/or other substances.
Processing	■ Introduce anchor mortar quickly into the anchor drill hole or press in using a manual mortar press. ■ Insert anchors. ■ Remove any escaping mortar flush with the substrate.
Processing / Working time	■ approx. 10 minutes ■ The stated times apply for a temperature of +20°C and relative humidity of 65%. ■ Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.
Drying / Hardening	■ Protect the fresh mortar from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct exposure to driving rain if necessary by hanging with foil.
Cleaning the tools	■ Clean all tools and equipment with water immediately after use.

PACKAGING

■ 25 kg/sack

STORAGE

■ Store sacks appropriately and in dry conditions on pallets.

QUANTITY REQUIRED / YIELD

■ consumption: depending on borehole cross section and borehole depth
■ yield: app. 13 l fresh mortar per 25 kg/sack

TECHNICAL DATA

Compressive strength class	M20 according to DIN EN 998-2
Mortar group	NM IIIa according to DIN 20000-412
Grain	0 – 4 mm
Compressive strength	≥ 20 N/mm²

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

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SAFETY AND DISPOSAL INSTRUCTIONS

Safety	■ This product 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. ■ Further information can be found in the safety data sheet at www.tubag.de.
GISCODE	■ ZP1 (products containing cement, low-chromate)
Disposal	■ Dispose of the material in accordance with the official regulations. ■ Completely empty and recycle the packaging. ■ Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concretewaste and concrete slurries).

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. Since natural raw materials are used, the values and properties described may vary somewhat. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.