

Ready to use, water-permeable bedding mortar for paving stone and slab coverings for foot traffic

- immediately usable without mixing
- frost-resistant



APPLICATIONS

- for the production of bound, water-permeable bedding layers for the subsequent laying of slabs and pavers
- for the laying of paving stone and slab coverings (not large natural stone paving)
- Laying of the covering elements using the fresh-in-fresh method
- for all formats, the shortest edge length must not exceed 800 mm
- for external use

PROPERTIES

- ready for use
- permeable to water

COMPOSITION

- high-quality binder according to EN 197-1, EN 14647 and EN 459-1
- mineral aggregate according to EN 13139 / EN 12620
- pumice mineral lightweight aggregate according to EN 13055
- additives for regulating and improving workability and product properties

SUBSTRATE

- Suitable substrates**
- Crushed stone and gravel layers with adequate frost protection and water-permeability increasing with depth. Implementation of frost protection and base course according to ZTV-Wegebau (additional technical contract conditions for road construction) usage category 1 (bound construction method).

PROCESSING

Temperature	<ul style="list-style-type: none">■ Workable at air, material and substrate temperatures between +10 °C and +30 °C.
Processing	<ul style="list-style-type: none">■ Processed using the fresh-in-fresh method.■ Pour out EasyBettung reaktiv. Install as a bedding layer with a layer thickness of at least 5 cm and smooth off to height. e.g. using tubag Rbas system bedding levelling rail. Ensure the necessary gradient.■ EasyBettung reaktiv is ready for laying. With spray mist, moisten the part of the bedding prepared for laying to slightly activate the bedding mortar.■ Work quickly after moistening the bedding. Begin immediately with laying.■ Apply tubag TNH flex bonding slurry (not tile adhesive) to the underside of the covering element and carefully tap in; this also achieves compaction of the bedding.■ When using natural stone paving, we recommend using maximally 9/11 stones.■ After laying the covering elements, the covered surface must be watered generously so that the water can creep vertically and horizontally through the bedding via the joints. We recommend a minimum joint width of > 5 mm. Very narrow joints < 5 mm can reduce the penetration of water into the bedding when watering the surfaces. The saturation the bedding with water is a prerequisite for sufficient hardening of the mortar.
Drying / Hardening	<ul style="list-style-type: none">■ After contact with water, EasyBettung reaktiv immediately begins to harden.
Subsequent coating / Suitability for coating	<ul style="list-style-type: none">■ The surface must not be loaded for at least 36 hours. The surface can then be grouted with the tubag pavement joint mortar systems (observe the processing instructions for tubag pavement joint mortar).
Cleaning the tools	<ul style="list-style-type: none">■ Clean all tools and equipment with water immediately after use.
Notes	<ul style="list-style-type: none">■ EasyBettung reaktiv reacts immediately with water.■ The joints must be kept open.■ In order to ensure sufficient water entry into the bedding via the joints, it is important to ensure that the joints are sufficiently wide. For boards approx. 1% of the longest side of the board.■ We recommend the tubag Rbas system (observe the technical notes) for smoothing off the bedding to the correct height.■ The bound construction method requires contraction joints across the area, at all rising components and at borders and façade parts. Contraction joints can be created with the system components tubag BFF Plex contraction joint tape und BFM-flex contraction joint compound.■ Dry mortar dust that gets into already laid covering, for example when opening the bag, must be removed before contact with water.

PACKAGING

- 18 kg/bucket

STORAGE

- Store sacks appropriately and in dry conditions on pallets.

QUANTITY REQUIRED / YIELD

- Consumption: approx. 11.5 kg/m² per cm layer thickness

TECHNICAL DATA

Grain	0 – 2,5 mm
Compressive strength	≥ 5 N/mm ²
water permeability coefficient	> 5,4 × 10 ⁻⁴ m/s

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.

SAFETY AND DISPOSAL INSTRUCTIONS

Safety	<ul style="list-style-type: none"> ■ 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	<ul style="list-style-type: none"> ■ ZP1 (products containing cement, low-chromate)
Disposal	<ul style="list-style-type: none"> ■ 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 (concreteste 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. 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.