BLS

Drill hole slurry

quick-mix
A trademark of sievert

Mineral drill hole slurry

- consistency: free-flowing
- fully hardening: approx. 2 days
- preparation time: approx. 45 minutes

APPLICATIONS

- for filling cavities and drill holes in retrospective basement interior waterproofing
- not suitable for crack injection
- for interior and external use

PROPERTIES

- shrinkage-compensated
- mineral
- free-flowing
- high permeability for subsequently introduced injection liquids
- resistant to water-soluble sulphates
- easy to re-drill
- vapour-permeable

COMPOSITION

- Special cements
- mineral additives according to DIN EN 13139
- additives for regulating and improving workability and product properties
- additives for improving bonding to the subsurface
- Swelling agent

SUBSTRATE

Pretreatment

- The positioning of the drill holes depends on the injection method. The instructions in the WTA data sheet 4-4-04 “Masonry injection against rising moisture” are to be observed.
- Dust and loose parts are to be removed from drill holes. The masonry is to be inspected for any cavities.

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PROCESSING

Temperature	■ Do not process and allow to dry out at air, material and substrate temperatures below +5 °C and with expected night frost as well as above +35 °C, direct sunlight and/or strong wind.
Mixing / Preparation / Processing	■ Use a suitable agitator to mix the material until smooth and free of lumps. Leave to develop for a moment and then mix again. ■ Do not mix with other products and/or other substances.
Applying	■ Use a funnel to fill the existing drill holes with drill hole slurry within the processing time.
Processing / Working time	■ approx. 45 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.
Subsequent coating / Suitability for coating	■ Re-drill the holes at the earliest after 1-2 days. ■ For injecting masonry with a moisture penetration level < 50 % use quick-mix BLV drill hole silicification solution or for masonry with a high moisture penetration level > 50 % use quick-mix BLM drill hole micro-emulsion. ■ To finish with, fill the drill holes after injecting the masonry with quick-mix BLS drill hole slurry mixed to a paste and smooth flush with the wall.
Notes	■ Clean all tools and equipment with water immediately after use.
	■ During the subsequent injection, the instructions in the WTA data sheet 4-4-04 “Masonry injection against rising moisture” are to be observed.

PACKAGING

■ 25 kg/sack

STORAGE

■ Store dry and as per instructions.

QUANTITY REQUIRED / YIELD

■ consumption: approx. 1.6 kg per litre cavity

TECHNICAL DATA

Processing temperature	+5°C up to +35°C
Water requirement	approx. 6.0 l per 25 kg/sack
Processing time	approx. 45 minutes

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. ■ Follow further instructions in the safety data sheet.
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.