KREISEL

TECHNICAL DATA SHEET

BUDOSZCZEL-H 810

One-component polymer-cement waterproofing

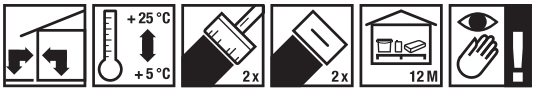
Areas of application

The mortar is intended for making waterproofing insulations in rooms with increased humidity (baths, showers, etc.), for sealing surface of containers and swimming pools, insulation of walls of cellars and foundations from external side and insulation of terraces and balconies. After drying, it is a seamless insulation of light, medium type depending on the number and thickness of applied layers. It can be used for sealing mineral substrates with a maximum crack width of 0.75mm. After drying, it is an ideal substrate for tile adhesives, thermal insulation plasters, plasters. It does not react with polystyrene.

Properties

- Complete water-tightness
- Waterproof
- Frost-resistant
- On the balconies and terraces
- To the pools
- High adhesion
- Vapor-permeable
- UV resistant

Application procedure



Technical data

Item number	10560
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	48 unit/Pal.
Colour	Grey
Consumption	1,5 kg/m²/mm
Water requirement	approx. 5,5 L/unit
Tensile adhesive strength	≥ 0,5 MPa
temperature resistance	-30 °C 60 °C
Hardening time	approx. 24 h
Chromium content	≤ 0,0002 %

Technical data sheet | EN | 04.06.2026

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Item number	10560
Coating thickness	2-5 mm
Time of use approx.	approx. 2 h
Drying time	approx. 4 h

Material base

- Polymers
- Portland cement
- Quartz additive

Application conditions

Apply at temperatures from +5 °C to +25 °C, these temperature refer to air, groundwork and product temperature. All groundwork surfaces must be load-bearing, tight, stable, even and clean and, if required, primed with GRUNTOLIT-W 301 or GRUNTOLIT-SG 302 Scratches and cracks in the substrate greater than 0.4 mm in width must be repaired by opening and filling with leveling mortar 428 with another one adapted to the type of the substrate. The edges to be covered with mortar should be chamfered and the concave corners rounded with leveling mortar. The rounding radius should be about 4 cm.

Surface

Concrete substrates must be at least 3 months old, while cement and cement-lime plasters and cement screeds must be at least 4 weeks old. Strongly absorbable and dusty substrates should be primed with GRUNTOLIT-W 301.
When carrying out work during high temperatures, it is recommended to spray with water.
Concrete, reinforced concrete: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301
Cement plaster: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301
Cement-lime plaster: Prime with GRUNTOLIT-W 301 or EXPERT 6
Cement screed: moisten with water, if very absorbent, prime with GRUNTOLIT-W 301
Autoclaved aerated concrete elements: double prime with GRUNTOLIT -W 301
Bricks and ceramic CMUs, silicate: Prime with GRUNTOLIT-SG 302 or EXPERT 5

Preparation

Dry mixture must be kneaded with an appropriate amount of clean, cool water, mixing manually or mechanically using a stirrer for mortars. Time of mechanical mixing should be 2-3 minutes. After mixing the first batch of mortar, you must check its consistency, it should be semi-liquid. If necessary, correct the amount of added water. Note down the particular proportion of mixing with water so that next batches of the mortar will be prepared in the same way. If there is a need to use a part of the packaging, the entire dry compound must be carefully stirred because during transport components could be separated. Do not mix the hardened grouting mixture again.

Application procedure

The prepared mortar should be applied to the sealed surface with a brush, roller or steel float in layers of thickness depending on the type of waterproofing performed. In the case of protection against moisture, the total thickness of the insulating coating should be 2-2.5mm, in the case of protection against filtered water 3-3.5mm, while with a water column up to 5 m high - 4-4.5mm. The first thin contact layer is applied to close the pores in the substrate. This layer is best done with a hard brush, at the upper limit of mixing water per package. After applying it, wait about 3 hours for the layer to harden and to be able to make the next one. The next layer is applied when the previous one is still wet. There should also be a technological break of 3-4 hours between each subsequent layer. It is recommended to apply the second layer with a trowel. If you apply the brush twice, you should follow the cross-stroke rule. The thickness of a single insulation layer should be at least 2mm, while the total maximum thickness of the applied coating cannot exceed 5mm. In the case of terraces and balconies, during the insulation process, the reinforcing mesh made of fiberglass should be embedded in it, and in the places of connection with vertical elements (e.g. walls) and in places of expansion joints - sealing tape.PrześlijopinięHistoriaZapisaneSpołeczność

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Instructions

Protect against frost, precipitation, excessive drying during the execution of works a d drying Avoid contact with skin and protect eyes. Detailed guidelines are included in the material safety data sheet.

Storage

Up to 12 months from the date of manufacture, in dry places and in intact packaging

General information

This product data sheet replaces all its previous versions.The information, included in this technical card, represents our current knowledge and practical experience. This is general information only which shall not obligate the manufacturer to take any responsibility either for workmanship or for the manner of use. For there may be differences and specific execution conditions.The product shall be applied in accordance with required technical knowledge and OHS rules.Avoid contact with skin and protect eyes. In case of contact with eyes, rinse them up with a large quantity of clean water and consult a doctor. It shall be recommended to use gloves, safety goggles and protective clothing.
All technical data listed in this product specification has been determined under laboratory conditions.