



Puder-Ex

FAST DRYING CONSOLIDATOR

TECHNICAL DATA SHEET

SMART PRODUCT BENEFIT

- stops water ingress
- acts within seconds
- applied while water is running
- resistant to frost and de-icing salt

PRODUCT INFORMATION

Powder EX is a catalytically accelerated, cement-bound plugging mortar that hardens within seconds of contact with water. After hardening, Powder EX is frost and thawing salt resistant, weather-resistant and lastingly water impermeable.

FIELDS OF APPLICATION

Powder EX is used for fast, long-lasting sealing of leaks and water intrusions in concrete, masonry and natural stone structures. Upon contact with Powder EX, the water flow is stopped within seconds. In the Special Waterproofing System Aquastopp, Powder EX is required in the second step after the Powder No. 1. Applications are the sealing of leaks in basement structures, underground garages, tunnels, dams, sewers, sewage treatment plants, concrete pipes, lift wells, rainwater cisterns, quay walls, pipe passages (as flanking measure), bunker systems, masonry dams, sprinkler tanks, galleries, sluices, tunnel passages, lifting systems, installation excavations, water drawing machines and all locations at which sealing from the outside is not possible.

PREPARATION OF THE SUBSTRATE

The substrate must be firm, sound, clean and gypsum-free. Loose parts and residues of oil, forming oil, grease, dust or other separating layers of any kinds must be removed.

CONSUMPTION

For sealing leaks and water intrusions, the consumption is determined by the actual need. When using in the Special Waterproofing System Aquastopp, approx. 1.5 kg/m² is required.

PROCESSING

For sealing of a leak, a handful of Powder EX is pressed together dry into a firm clump like a snowball. After



forming, this clump is pressed very quickly and with corresponding pressure into the water leak until the water is stopped. For very high water pressure or larger water streams, quickly stir Powder EX with large quantities of water into a thick paste and use immediately as a stopper to seal the water intrusion. For use as a component in the Special Waterproofing System Aquastopp, the first layer of the Special Slurry is rubbed dry with Powder EX. No-profile work gloves should be worn as protection during processing.

SUBSEQUENT WORK

After removal of the leaks and water intrusions, a surface seal must be applied against the water penetrating the wall. To do this, either the special sealing system Aquastopp or Flex Slurry K11 grey is applied to the side facing away from the water. Please observe the technical data sheets.

WORK SAFETY

Contains cement, reacts alkaline with water. Eye and skin irritation is possible. Please observe the warnings and safety suggestions on the packaging and in the safety data sheets.

TOOL CLEANING

Clean tools and affected areas with copious amounts of water immediately after use. Remove dried residues mechanically or with Kalklöser.

STORAGE

Cool and dry. Keeps approx. 12 months in original packaging.

DELIVERY FORM

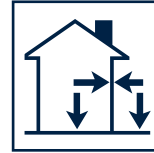
Art.-Nr. 30822283 1-kg-tin
Art.-Nr. 30806221 5-kg-bucket
Art.-Nr. 30126590 15-kg-bucket

COMMENTS

GISCODE ZP 1

TECHNICAL SPECIFICATIONS AND DATA

Colour	cement grey
Processing Temperature:	+5 °C



These instructions reflect the extent of our current knowledge and are the result of extensive testing and practical experience. In view of the multiplicity of the possible applications and storage and processing factors over which we have no control, we cannot guarantee good results in each individual case. We recommend you test the product first before final application. Slight discoloration of sealants can occur under UV-radiation. Slight colour differences between the batches are possible through the production process. No liability can be accepted for absolute colour fidelity. Use material of the same charge-number for a building object. Our technical and commercial advisory service will be pleased to answer your queries.

This data sheet supersedes all previous issues.

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