

Technical Data Sheet

quick

Repair mortar

SC-TD-AwaTec quick E-Rev 01

Issue: 06/2018

Product description

SC-AwaTec® „quick“ is a cement-based, polymer-modified one-component repair mortar for sewer construction and sewer rehabilitation.

Areas of application

- Sealing against flowing, pressing water and water ingress affecting floors, joints and wall surfaces as well as ceilings
- Wastewater and purification plants
- Potable water protection zones
- Usable as accelerator for other types of SC-AwaTec® mortar
- Usable from pH 4 to pH 10

Properties

- Volumetrically stable
- Non-shrink
- Very high bonding strength
- Very early strength development
- Watertight
- Impermeable to water, thus sealing against pressing groundwater

Processing guidelines

Surface preparation

- The surface has to be free from loose particles, grease, oil, cement grout or any other adhesion-reducing substances.
- The surface may be concrete, brickwork or unglazed stoneware.
- Water jet or solid jet is required to prepare a suitable surface.

Areas of application

- Surfaces: To seal wet surfaces, use a brush to rub SC-AwaTec® “quick” into the wet surface and seal.
- Chippings and joints: prepare small quantities of pasty mortar and close the chippings or joints piece by piece.

Processing time (open time)

- 1 to 2 minutes
- Higher temperatures will shorten the open time, lower temperatures will prolong the open time.

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Post-treatment

- The surface coated with SC-AwaTec® „quick“ has to be re-worked with a suitable SC-AwaTec® product within a short time.

Safety instructions

- Please observe the safety instructions and recommendations to be taken from the SC-AwaTec® Material Safety Data Sheet.

Technical properties

Compressive strength:	after 30 minutes	8 N/mm ²
	after 2 hours	15 N/mm ²
	after 7 days	37 N/mm ²
	after 28 days	45 N/mm ²
Depth of water penetration:	watertight to DIN EN 12390-8	
Granulation:	< 1 mm	

Further characteristics

Colour shade:	grey
Unit size:	20 kg-bag
Storage:	dry
Shelf life:	6 months from date of manufacture

Remarks:

The indications contained in this technical product data sheet are product descriptions. They represent general information and are based on trials, tests and practical experience. The values are average values, determined at standardized climate to DIN EN 123270 (23°C/50% r.F.). Deviations cannot be ruled out. When applying our mortars, the individual processing guidelines, relevant directives, recommendations and standards have to be observed. In any case, generally recognized standards of technology have to be respected and adhered to. If necessary, tests should be carried out prior to specific applications. We reserve the right to amend technical details at any time. With this issue, all previous technical data sheets become invalid. Issue: 06/2018