

ASODUR®-K900

Required tools

System components:

- **Quartz sand**
Broadcast and mixing sand with various grain sizes



ASODUR®-K900

Highly fluid resin adhesive

Application areas

For securely sealing joints and cracks in concrete and screeds, and for levelling surface irregularities.



ASODUR®-K900 is ideal for producing secure bonds between joints and cracks in screeds and concrete as well as for sealing hollow areas in bonded screeds and for repairing stone and concrete.

Crack sealing

Your market partner:

 **SCHOMBURG**

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ASODUR®-K900



Multi-use 2-comp. epoxy resin

Properties:

- fast curing
- water and frost resistant
- high adhesive strengths
- good chemical resistance
- easy to use packaging

Technical Data:

Base:	2-comp. epoxy resin
Colour:	transparent yellowish
Viscosity:	approx. 360 ± 50mPa s at +23 °C
Mixing ratio:	100:50 parts by weight
Mixing time:	3 minutes
Density:	1.10 g/cm³
Application/ Substrate temperature:	min. approx. +8° C, max. approx. +35° C
Application time*:	approx. 15 minutes at +23 °C
Minimum cure temp:	+8 °C
Overcoat after:	approx. 4 hours at +23 °C
Complete cured after:	approx. 7 days at +23 °C
Packaging:	1 kg pack incl. screed clips, disposable & plastic tubing
Cleaning:	Thoroughly clean tools immediately after use with AQUAFIN®-Cleanser
Storage:	18 months in the original unopened packaging under cool, dry conditions above +10 °C

*) Higher temperatures shorten, lower temperatures increase reaction time and curing time. To increase reaction/application time at higher temperatures, store material in a cool environment above +10 °C and only expose to warm temperature shortly before mixing.

Note:

For complete application instructions and product information consult the current valid technical datasheet.

Sealing of cracks

- Saw cut the joint or crack along the length to a depth of 1/ to 2/3 of the substrate thickness.
- Cut 10 cm lengths across the crack at a right angle approx. every 30 cm.
- Clean all saw-cut areas carefully, e.g. with an industrial vacuum cleaner.
- Carefully open the third chamber of the bag and remove the disposable gloves and screed clips.

Mixing the material in the bag:

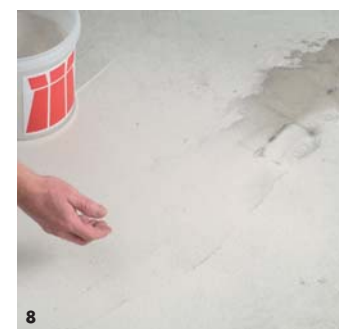
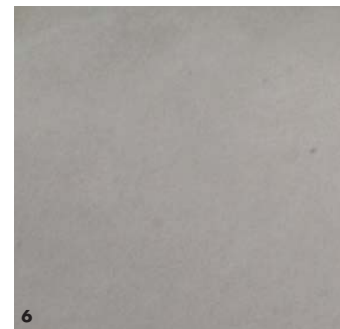
- Remove the safety seal and black separating strip from the middle of the bag, so that the components flow together.
- Mix both components well, by thoroughly kneading the pack.
- Ensure that the bag is not damaged during mixing.
- Fill the prepared crack/joint halfway with the mixed material. If the pouring neck is not long enough, the included PE-hose can be used as an extension.
- Place the screed clips in the perpendicular joints.
- Using the mixed ASODUR®-K900 and quartz sand create a trowelable consistency and use it to seal the surface of the crack.
- Broadcast quartz sand with grain size 0.2 – 0.7mm onto the still fresh material. After curing, remove all loose remaining sand.

Leveling uneven surfaces

- The substrate must be load bearing and dry with a good grip and free from separating agents such as grease, dust, oil, etc.
- Mix the material as described above and prime the substrate with the ASODUR®-K900.
- Mix the remaining material evenly with quartz sand and apply with a trowel.
- Broadcast quartz sand with grain size 0.2 – 0.7mm onto the still fresh material. After curing, remove all loose remaining sand.

Quartz sand grain size is determined by the desired build-up thickness:

< 3mm : 0,2 – 0,7mm quartz sand
3 - 15mm : 0 – 1,5mm quartz sand



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