



REPAIR

The 2-component repair mortar

A-JOINT® REPAIR is a jointing mortar suitable for renovating old cement-based joint fillings. The joint mortar was developed for repairing damaged or washed-out joints in existing paving. The fine sand structure ensures strong adhesion to the joint flanks and makes the product suitable for narrow and shallow joints.

Thanks to its self-compacting properties, the mortar flows effortlessly into the joints without the need for additional compaction. The mortar forms a durable bond between old and new joint material and is ideal for repairing frost or de-icing salt damage.

A-JOINT® REPAIR requires very little water, is quickly load-bearing and creates a durable, water-permeable, weed-free joint that is resistant to frost, de-icing salt, mechanical sweepers and high-pressure cleaners.

APPLICATIONS

Suitable for paving with **heavy loads**:

- Roads and access routes for heavy vehicles
- Public squares
- Parking areas
- Loading and unloading zones

COLOURS



ADVANTAGES



Water-permeable



Resistant to frost and de-icing salt



Joint repair



Weed-repellent



Strong bond between old and new joint material thanks to high adhesive strength



Ideal for filling narrow and shallow joints

➤ Preparation:

The joints must be completely cleared of weeds, roots and loose material, and cleaned to a minimum depth of 10 mm. The surface to be grouted must be freed from all dirt. Adjacent areas that should not be grouted must be masked or covered. We recommend pre-treating the areas to be repaired, especially porous cement joints, with a suitable primer. To avoid settling and loose stones, we recommend a permanently water-permeable and load-bearing substrate corresponding to the subsequent load. Pay attention to the current standards and guidelines. In general, we recommend the bound construction method.

1 / Pre-wetting:

Thoroughly wet the entire surface with clean, cold water. Moisten more intensively in case of high ground temperatures or porous stones.

2 / Mixing:

Open the bucket. Pour the bottle inside completely to the sand component. Fill the empty bottle with 0.25 litres of water, close it, shake vigorously and add this rinse water to the sand mixture. Make sure the bottle is completely empty. Use a professional stirring or mixing device. Start mixing process and mix thoroughly for at least 6 minutes until a creamy, flowing mass is obtained. No further addition of water is necessary. Use a professional stirring or mixing device and mix thoroughly for 3 minutes. Then add 2.5 litres of water and mix for another 3 minutes until a smooth and workable slurry is obtained.

3 / Filling the joints:

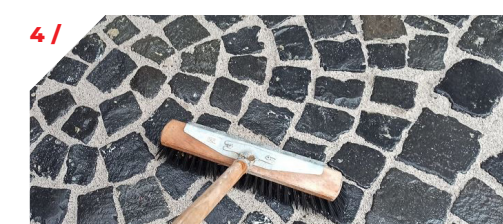
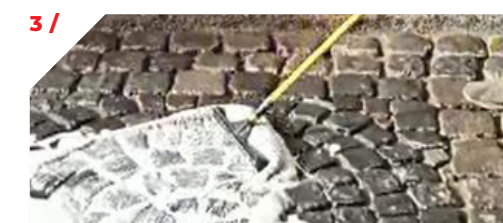
Pour the finished mixture onto the well pre-wetted surface. Work in the jointing compound carefully and as diagonally as possible to the joint using a rubber squeegee. Divide the mixture into two to three portions to make optimal use of its flowability. Briefly remix the remaining joint material. Keep the surface constantly wet during these application steps.

4 / Finishing:

After approx. 10-20 minutes, sweep the stone surface carefully and diagonally to the joint with a medium-coarse street broom. If white gel-like streaks form on the stone surface, the correct sweeping time has not yet been reached. Then remove the remaining mortar residues with a fine coconut broom. Material that has been swept off should no longer be used. Make sure that chamfers (beveling of the side edges) on slabs and pavers must be exposed.

➤ Aftercare:

Protect the freshly grouted surface from rain for 12-24 hours. We recommend using construction foil or tarpaulins as rain protection. Ensure sufficient air circulation is possible. Do not place the protective covering directly on the surface. At temperatures around 20°C, the surface can be walked on after 6 hours and driven on after 24 hours. A strength test is recommended before the surface is put into use. Cleaning is permitted after a curing time of 7 days.



TECHNICAL DATA

SYSTEM	2-component epoxy resin mortar
JOINT WIDTH	As of 3 mm
JOINT DEPTH	As of 10 mm
LOAD	Heavy traffic load up to 25 t
WORKING TIME AT 20°C	Approx. 20-30 minutes
APPLICATION TEMPERATURE	> 0°C and < 30°C
LOAD-BEARING CAPACITY AT 20°C	Walkable after 6 hours, drivable after 24 hours
PACKAGING	25 kg PCR bucket
SHELF LIFE	24 months in the original closed packaging. Store in a dry, frost-free place and protect from direct sunlight.
COMPRESSIVE STRENGTH	32 N/mm² (lab value), 17.4 N/mm² (on-site value)
FLEXURAL STRENGTH	11.5 N/mm² (lab value), 6.9 N/mm² (on-site value)
STATIC MODULUS OF ELASTICITY	7500 N/mm²
DENSITY OF CURED MORTAR	1.80 kg/dm³
Water permeability	7.06 × 10 ⁻⁴ m/s (with 10% joint volume, approx. 1.5 l/m²/m, depending on compaction)

CONSUMPTION TABLE KG/M² - CALCULATION BASIS: 10 MM JOINT DEPTH

STONE SIZE	9 x 11 cm	20 x 10 cm	40 x 40 cm	60 x 60 cm	90 x 60 cm
JOINT WIDTH 3 mm	1.1 kg	0.9 kg	0.4 kg	0.3 kg	0.2 kg
JOINT WIDTH 5 mm	3.1 kg	2.5 kg	1.2 kg	0.9 kg	0.6 kg

All consumption values are approximate and based on practical experience. Actual usage may vary depending on application method and surface characteristics.

IMPORTANT

Synthetic resin film: After grouting with A-JOINT® REPAIR, a thin resin film remains on the stone surface, enhancing the stone's colour and protecting it against dirt. This resin layer usually disappears over time through weathering and use of the surface. If in doubt, create a small test area first. The synthetic resin film is not a design defect, as neither the quality nor the functionality of the joint is affected.

Use A-JOINT® REPAIR only with a stable, load-bearing and permanently water-permeable substructure or with a slope of at least 2%. Application is recommended only in well-ventilated outdoor areas. Wear appropriate protective clothing. Tools must be cleaned with water during and after application.

Regularly remove dirt, leaves and moss from the joint surface.

All fillers are natural products and may be subject to natural colour variations. Our information is based on many years of experience and the current state of the art, but is non-binding and does not constitute a contractual legal relationship.