



TRAFFIC

The 2-component paving joint mortar for the highest demands

A-JOINT® TRAFFIC is a heavy-duty paving joint mortar specially developed for public spaces. The mortar is designed for traffic loads of up to 40 tons. It is resistant to mechanical sweepers as well as frost and de-icing salts.

Thanks to its high flowability and self-compacting properties, A-JOINT® TRAFFIC can be used for joints starting from 5 mm. Due to its fast curing, the jointed surface is walkable after just 6 hours and drivable after 24 hours.

A-JOINT® TRAFFIC can be used universally for new joints as well as for the renovation of existing paved surfaces. The joint mortar is particularly suitable for busy squares, public roads and pathways, and for use in paved drainage channels.

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



Weed-repellent



High flowability and self-compacting properties



Suitable for heavy loads



Ideally suited for public spaces thanks to its rapid curing

➤ Preparation:

The joints must be completely cleared of weeds, roots and loose material, and cleaned to a minimum depth of 30 mm (or, for traffic loads, to 2/3 of the stone height). The surface to be grouted must be freed from all dirt. Adjacent areas that should not be grouted must be masked or covered. 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 bag and pour the sand into a suitable mixer. Pour the bottle inside completely to the sand component. Fill the empty bottle with 0.50 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. After mixing for 3 minutes, add another 2 litres of water and mix for an additional 3 minutes until a creamy and free-flowing consistency 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. 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 5 mm
JOINT DEPTH	As of 30 mm
LOAD	Heavy traffic load up to 40 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	Sandbag of 25 kg + 2.5 kg resin
SHELF LIFE	24 months in the original closed packaging. Store in a dry, frost-free place and protect from direct sunlight.
COMPRESSIVE STRENGTH	52.3 N/mm ² (lab value), 39.0 N/mm ² (on-site value)
FLEXURAL STRENGTH	18.3 N/mm ² (lab value), 16.0 N/mm ² (on-site value)
STATIC MODULUS OF ELASTICITY	8700 N/mm ²
DENSITY OF CURED MORTAR	1.68 kg/dm ³
WATER PERMEABILITY	2.0 × 10 ⁻⁵ m/s (with 10% joint volume, approx. 0.14 l/m ² /m, depending on compaction)

CONSUMPTION TABLE KG/M² – CALCULATION BASIS: 30 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	Polygonal
JOINT WIDTH 5 mm	4.7 kg	3.8 kg	1.2 kg	1.0 kg	0.6 kg	Ca. 4-6 kg
JOINT WIDTH 10 mm	8.8 kg	6.8 kg	2.5 kg	2.1 kg	1.3 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® TRAFFIC, 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® TRAFFIC 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.