



TRAFFIC

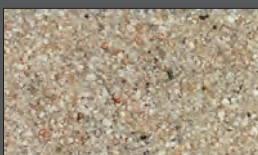
The 2-component paving grout for heavy-duty use

A-JOINT® TRAFFIC is a heavy-duty paving joint mortar which has been specially developed for public areas. It is designed for traffic loads of up to 40 t, is sweeper-suction machine resistant and at the same time frost and de-icing salt resistant. Due to its high flowability and self-compacting properties, A-JOINT® TRAFFIC can be used for joints as small as 5 mm. Due to its fast curing, the grouted surface can be walked on after only 6 hours and driven on after 24 hours.

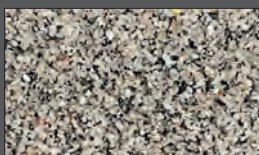
A-JOINT® TRAFFIC can be used universally for everything from new grouting to the renovation of existing surfaces, thereby reducing maintenance costs and the risk of accidents caused by loose stones.

A-JOINT® TRAFFIC is particularly suitable for heavily frequented squares, public roads and paths as well as for use in paved gully & road drainage areas.

Colours:



neutral



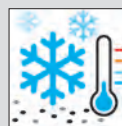
stone grey



basalt

Properties

- Sustainable, weed-free joint solution up to use class N3 with fast traffic release
- For joint widths from 5 mm
- For joint depths from 30 mm
- High strength and self-compacting
- Can be applied in drizzle and at floor temperatures from 0°C
- No cement haze, very low water consumption during application



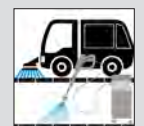
Frost and de-icing salt resistant



Slightly water permeable



Traffic load up to 40 t



Resistant to vacuum sweepers

Processing instructions

Prepare:

The joints must be cleaned of weeds, roots and loose parts and cleared to a depth of at least 30 mm or, in case of traffic load, to 2/3 of the stone height. The surface to be grouted must be free from all dirt. Adjacent areas that are not to be grouted should 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). We generally recommend the bonded construction method.

Pre-wetting:

Pre-wet the entire surface extensively. Higher soil temperatures and absorbent, open-pored stone require more intensive pre-wetting. Generally, use clean and cold water.

Mixing:

Open the bag and pour the sand into a suitable mixing container. Add the contents of the separately supplied bottle containers completely. Fill and cap the emptied bottles with 0.5 litres of water each, shake vigorously and add to the mixture. Make sure that the bottles are completely empty. Use a professional stirring or mixing device. Start the mixing process. After 3 minutes mixing time, add another 2.0 litres of water and mix thoroughly for another 3 minutes until a creamy, flowing mass is obtained.

Filling the joints:

Pour the finished mixture onto the well pre-wetted surface. Carefully work in the joint compound with a rubber squeegee, as diagonally as possible to the joint. Keep the surface constantly wet during this work.

Cleaning the surface:

After approx. 10-20 minutes, sweep the stone surface carefully and diagonally to the joint, using 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. Do not use swept-off material any more. Make sure that chamfers (beveling of the side edges) on slabs and pavers must be exposed.

After-treatment:

Protect the freshly grouted surface from rain for 12-24 hours. We recommend using construction foil or tarpaulins as rain protection. To allow sufficient air to circulate, the rain protection must not be placed 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 use. Cleaning work may be carried out after 7 days at the earliest.

Resin film: After grouting with A-JOINT® TRAFFIC a thin resin film remains on the stone surface, which intensifies the stone colour and protects the stone from dirt. This resin film usually disappears over time due to weathering and use of the surface. If in doubt, create a small test area. The synthetic resin film is not a design defect, as neither the quality nor the functionality of the joint is affected.

Application notes: Use A-JOINT® TRAFFIC only with a stable, load-bearing and permanently water-permeable substructure or a slope of at least 2%. The application is only recommended in well ventilated areas. Please wear adequate protective clothing. Tools should be cleaned with water during and after application.

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

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

Technical data:

System:	2-component epoxy resin mortar				
Working time at 20°C:	approx. 20-30 minutes				
Working temperature:	> 0°C, max. 30°C				
Release of the surface at 20°C:	walkable after 6 hours, trafficable after 24 hours				
Delivery form:	27.5 kg bagged goods				
Shelf life:	24 months in the original sealed product packaging, dry and frost-free				
Compressive strength:	52,3 N/mm ² laboratory value, construction site value 39,0 N/mm ²				
Flexural strength:	18,3 N/mm ² laboratory value, construction site value 16,0 N/mm ²				
Static modulus of elasticity:	8700 N/mm ²				
Solid mortar density:	1,68 kg/dm ³				
Water permeability:	2,0 x 10 ⁻⁵ m/s (with 10 % joint content approx. 0,14 l/min/m ² 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 40 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	approx. 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 values that were calculated based on experience. Actual consumption may vary due to processing and surface conditions. Consumption calculator at: www.a-joint.de



Pre-wetting



Mixing



Filling the joint



Cleaning medium-coarse broom



Final cleaning fine broom

Videos on: [YouTube](https://www.youtube.com)