



# POLYSAND PRO

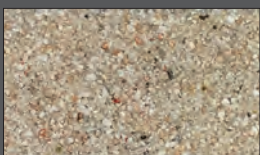
The 1-component professional jointing sand for concrete block paving and clinker pavements

A-JOINT® POLYSAND PRO is a water-permeable special joint sand with weed-inhibiting effect for very narrow joints. It is characterised by its simple and quick application and is ideally suited for the professional and the hobby craftsman.

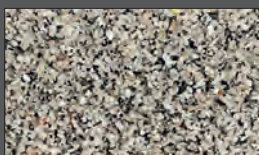
Due to its fine grading curve, A-JOINT® POLYSAND PRO is particularly suitable for narrowly laid interlocking pavers on private terraces and public roads and paths. The jointing sand remains permanently flexible and is therefore ideally suited for unbound construction on new and renovated surfaces.

A-JOINT® POLYSAND PRO is low in dust, leaves no binder film on the stone surface and is therefore also suitable for jointing coated and sensitive pavements.

### Colours:



neutral



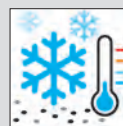
stone grey



basalt

### Properties:

- Stable and flexible joint filling
- Prevents sanding out of the joints
- Ready-mixed and virtually dust-free
- For very narrow joint widths from 1-5 mm
- For joint depths from 30 mm or 2/3 of the stone height
- Can be used from 5°C floor temperature
- Rainproof and walkable after 3 hours
- For coated and sensitive coverings



Frost and de-icing salt resistant



Water-permeable



For all load classes



For very narrow joint

## Processing instructions:

### Preparing the site:

The joints must be cleaned of weeds, roots and loose parts to a depth of at least 30 mm (2/3 of the stone height for traffic load) without leaving any residue. The surface to be grouted must be freed from all dirt. As moisture activates the binder prematurely, the stone surface must be completely dry before and during application. Residual moisture can be dried e.g. with a gas burner or compressed air. 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).

### Filling the joints:

Open the bucket and spread the contents over the dry surface. Now sweep the joint sand carefully and intensively into the joints with a broom. The joints must be completely filled. Clean the stone surface carefully with a fine broom until there is no more residue on the stone surface. Make sure that chamfers (beveling of the side edges) on slabs and pavers must be exposed.

### Profi-Tip:

If your covering is suitable for the use of a small vibrating plate (with protective mat if necessary), we recommend additionally vibrating the surface. Then refill the sagged joints again. Repeat the process if necessary.

### Activate binder:

Now spray the entire surface with a fine jet of water (adjustable nozzle). Avoid foaming of the binder by applying too much water pressure. Repeat this process several times until the joints are completely saturated and can no longer absorb water. Prevent the joint material from being washed out and puddles and rivulets from forming.

### After-treatment:

At temperatures around 20°C, the surface can be walked on after 3 hours and driven on after 3 days. Complete curing requires complete drying of the joint. Settlement cracks and defects can be repaired without great effort.

### Application notes:

Use A-JOINT® POLYSAND PRO only with a permanently water-permeable substructure or a slope of at least 2%. Do not use in permanently wet areas or in cases of waterlogging. Use in outdoor areas is recommended. Cleaning with a high-pressure cleaner (max. 80 bar) should only be carried out at a distance of at least 40 cm. The grouting may show signs of wear or defects. These can be repaired with little effort even after years.

### 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:	Weed-inhibiting special joint sand
Working time at 20°C:	unlimited
Working temperature:	> 5°C with dry substrate
Release of the surface at 20°C:	Can be walked on after 3 hours, can be driven on after 3 days
Delivery form:	25 kg PCR bucket or 1,000 kg big bag
Shelf life:	Bucket goods: 24 months, Big Bag: 6 months Dry and protect from direct sunlight
Strength:	ca. 60 A (according to Shore, according to DIN 53505)
Flexural strength:	ca. 5 N/mm <sup>2</sup>
Static modulus of elasticity:	ca. 2000 N/mm <sup>2</sup>
Density:	ca. 1,6-1,7 kg/dm <sup>3</sup>
Water permeability:	10 <sup>-5</sup> to 10 <sup>-6</sup> m/s (at 10 % joint content approx. 5 l/m <sup>2</sup> /min depending on compaction)

### Consumption table kg/m<sup>2</sup> – 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	100 x 100 cm
Joint width 1 mm	0,95 kg	0,71 kg	0,24 kg	0,20 kg	0,13 kg	0,10 kg
Joint width 3 mm	2,73 kg	2,06 kg	0,71 kg	0,59 kg	0,40 kg	0,29 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](http://www.a-joint.de)



Content pouring



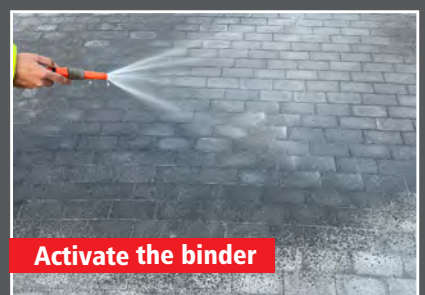
Filling the joints



Clean the stone surface



professional advice



Activate the binder

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

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