



POLYSAND PRO



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

A-JOINT® POLYSAND PRO is a water-permeable special joint sand with weed-inhibiting properties designed for very narrow joints. It stands out for its simple and quick application, making it ideal for both professionals and home improvers.

Thanks to its fine grading curve, A-JOINT® POLYSAND PRO is particularly suitable for narrowly laid concrete pavers on private terraces as well as public roads and paths. The jointing sand remains permanently flexible, making it perfect for unbound construction on both 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 surfaces.

APPLICATIONS

Suitable for paving with **heavy loads** and narrow joints:

- Pedestrian and cycle paths
- Driveways
- Terraces
- Walkways
- Paving

COLOURS



ADVANTAGES



Highly water-permeable



Resistant to frost and de-icing salt



Weed-repellent



Suitable for very narrow joints



Prevents cracking through permanent flexibility after curing



Suitable for heavy traffic applications



Ideal for concrete and clinker paving



Leaves no binder film

➤ Preparation:

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 jointed 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).

1 / Filling the joints:

Open the bucket and spread the contents over the dry surface. (1.a) Now sweep the joint sand carefully and intensively into the joints with a broom. The joints must be completely filled. (1.b) 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.

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.

2 / Activating the 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.

➤ Aftercare:

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.

1.a /



1.b /



TIP



2 /



TECHNICAL DATA

SYSTEM	1-component joint sand
JOINT WIDTH	1-5 mm
JOINT DEPTH	From 30 mm or 2/3 of the stone height
LOAD	Heavy traffic load up to 40 tonnes
WORKING TIME AT 20°C	Unlimited
APPLICATION TEMPERATURE	> 5°C on dry surface
LOAD-BEARING CAPACITY AT 20°C	Walkable after 3 hours, drivable after 3 days
PACKAGING	25 kg PCR bucket
SHELF LIFE	24 months. Store dry and protect from direct sunlight.
HARDNESS	Approx. 60 A (according to Shore, DIN 53505)
FLEXURAL STRENGTH	Approx. 5 N/mm ²
STATIC MODULUS OF ELASTICITY	Approx. 2000 N/mm ²
DENSITY OF CURED MORTAR	Approx. 1.6-1.7 kg/dm ³
WATER PERMEABILITY	10 ⁻⁵ to 10 ⁻⁶ m/s (with 10% joint volume approx. 5 l/m ² /min, depending on compaction)

CONSUMPTION TABLE KG/M² // BASED ON A JOINT DEPTH OF 30 MM

STONE SIZE	9 × 11 cm	20 × 10 cm	40 × 40 cm	60 × 40 cm	90 × 60 cm	100 × 100 cm
JOINT WIDTH 3 mm	0.95 kg	0.71 kg	0.24 kg	0.20 kg	0.13 kg	0.10 kg
JOINT WIDTH 5 mm	2.73 kg	2.06 kg	0.71 kg	0.59 kg	0.40 kg	0.29 kg

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

IMPORTANT

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.