vdw 870 – Paving Joint Sand Stabiliser

For stabilising sand joints in natural stone paving, concrete block paving, slabs and clinker surfacing, for garden paths, house entrances and terraces. Excellently suited for repairing cracks in paving joints.



for pedestrian traffic



permeable to water



width ≥ 1 mm
≤ 5 mm

Further properties

- fast, cost-effective stabilisation
- resistant to sweeping and rain
- clean paved surfaces
- water permeable
- temperature-resistant

GftK

Quality for Professionals

Technical Data

Product description
Binder for stabilising sand joints in paved areas.

Binder:	one-component, aqueous, low-viscosity acrylic dispersion.
Joint width:	1 to 5 mm
Joint depth:	at least 10 mm
Packaging:	1 litre PE bottle, 5 litre PE canister, 200 litre drum

Material data

Viscosity:	approx. 120 mPas
Solid content:	approx. 15 %
Storage life:	6 months, stored dry and frost-free

Application data

Application temperature:	min. + 10 °C

Product safety

Product safety data:	not subject to mandatory labelling

Ecology

Water hazard class:	WGK 1 (self-classification)
Disposal:	Waste code 080410, 080499

Application notes

Consumption
approx. 1– 2 l/m ²
Depends on joint width, joint depth and degree of saturation, on the grain size of the mineral aggregate and on the proportion of joints. The consumption must be established by applying a test area.

Substrate
- The substrate must be permanently load-bearing and free-draining and must suit the anticipated loads.

Bedding
- Lay paving or slabs in a sand or chipping bed

Joints
- Minimum joint depth: 10 mm
- Joint width: 1 to 5 mm
- Movement joints must be arranged in accordance with the construction principles. Joints from the substrate and joints adjoining structures must be carried through.

Preparation
When **vdw 870 Paving Joint Sand Stabiliser** is applied, gloss develops and the colour of the substrate is visually deepened. A preliminary test must always be carried out (especially on absorbent natural or concrete stone).
vdw 870 Paving Joint Sand Stabiliser only makes the sand joints resistant to sweeping and rain.
- Chamfers on concrete and clinker paving must be swept clear, as sufficient adhesion is not ensured there.

- The one-component **vdw 870 Paving Joint Sand Stabiliser** is ready to use.
- If water separates at the surface after a long standing time, homogenise the dispersion by shaking or stirring it.

Application

You will find further information in this application video


Clean surfaces free of residues


Fill the joints with quartz ...


... sand completely


Saturate the joints with vdw 870


Remove the excess


Pick up residues with a damp sponge


Follow the curing notes!

Requirements:
A stable, load-bearing, permanently water permeable substrate, joint depth ≥ 10 mm, joint width 1 to 5 mm, surface and outside temperature ≥ 10 °C, max. 30 °C.

Test area:
With some paving materials, contact between **vdw 870 Paving Joint Sand Stabiliser** and the stone surface may cause visual changes such as darkening and/or spotting. We generally recommend applying a **test area**.

On absorbent paving we recommend using **vdw 950 StoneProtect plus 3 in 1**.

Preparation:
Clean the surface of the object to be stabilised free of residues. Contamination is fixed in place by the binder.

Stabilising the joints:
Saturate joints filled with quartz sand (grain size 0.3 – 0.8 mm) with the joint stabiliser.

Finishing:
Remove excess stabiliser at once with a hard rubber squeegee and a coconut fibre brush. Pick up residues with a damp sponge.

Curing:
The following points refer to a temperature of 20 °C and 65 % relative humidity (high temperatures shorten, low temperatures lengthen the curing time and the rain protection time).
Cordon off the freshly stabilised areas for a period of at least 24 hours, or until the paving surface is no longer tacky. The areas can then be walked on. Protect the freshly jointed areas from moisture for a period of at least 24 hours (do not lay sheeting directly on the paving, provide ventilation underneath). Final release of the areas to traffic after 3 – 5 days. In principle a strength test should be carried out before the areas are put into service.

With these notes we wish to advise to the best of our knowledge on the basis of our tests and experience. Because of the many possible applications and the storage and application conditions of our products, which are beyond our control, we cannot however accept any warranty for the work result in individual cases. Carry out your own tests. Our technical advisory service is always available on the free phone number 0 800 / 800 850 800 or at Technik@gftk-info.de. Subject to change.

Please always refer to our detailed brochure “Application Technology Notes”. You can request it from your dealer or directly from us!

No direct legal liability can be derived either from the notes in this product information or from verbal advice, unless the content of the advice is expressly confirmed by us in writing. With the publication of this product information all previous versions become invalid.

Rheinbach-Flerzheim, March 2026

vdw Mortar Systems

Build safely in the system!

vdw Jointing Mortar

vdw Adhesive Slurry

vdw Bedding Mortar



How to reach us:

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We are glad to support you with your project!

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