

vdw 805 Epoxy Pavement Jointing Mortar

High performance for light to medium traffic loads



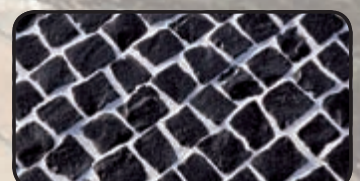
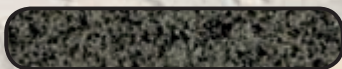
Jointing mortar for natural stone, reconstituted stone and concrete pavement block surfaces on patios, paths, pedestrian areas and precincts, with joints > 3 mm wide.

- Fast, durable, cost effective
- Clean non-stained surfaces
- Water permeable
- Easily applied
- Mechanical sweeper resistant
- Abrasion resistant
- Frost and de-icing salt resistant
- No weeds or boring insects
- Permanently filled joints
- Low temperature application (+3°C)
- Wet weather application in the rain
- Reduces trip hazards
- Environmentally inert when cured

- Natural



- Basalt (Dark Grey)



GftK

Product information

Site requirements:

Stable base. Base, sub-layers and pavement layer need to be correctly designed for the relevant traffic loads.

- In pedestrians areas: The paving should be laid as directed by the manufacturer or as stated in BS 7533.
- In areas of vehicular traffic: The pavement should be laid in a permeable concrete or mortar bed in accordance with the relevant traffic loads and BS 533.
- The joint mortar cannot be used to compensate for any settling of the sub-layers.
- The joint depth must be at least 30 mm, joint width from 3 mm. The paving, grout and ambient temperatures should be min. 3°C.

Tools:

Drill with twin spherical mixing paddles, water supply, hose with spray nozzle, rubber bladed trowel and coconut hair brush (or similar soft bristle).

Preparation:

Clean the surface of all dirt, cement residues, vegetation and any other contaminants.

Pre-wetting:

Pre-wet the pavement surfaces until saturated.

Mixing the pavement jointing mortar:

Pre-mix the powder then add the hardener and mix with the drill and spherical paddle mixer for approx. 3 minutes.

No additional water can be added to the mixture.

Filling the joints:

Spread the mortar across the whole surface using the rubber blade of the trowel and work thoroughly into the joints. High temperatures will reduce the working time and low temperatures will increase the time required for hardening and rain protection.

Brushing off:

Remove any excess semi-dry mortar after approx. 5–10 minutes (at 20°C) thoroughly with a damp coconut hair brush. At temperatures above 25°C, brush off immediately. Do not brush this residual mortar into any unfilled joints.

Cordon off the freshly applied areas for a period of at least 12 hours. Then the areas can be walked over. Protect the freshly laid area from rain or water flow for at least 6 hours (do not place the covers directly onto the paving: ensure that the air can circulate freely over the surface). The area can be fully released for traffic after 7 days. A very thin film of polymer binder will remain on rough surfaces or any surfaces that are not cleaned thoroughly. This film will disappear after a few months exposure to traffic and the elements. With critical stone surfaces, the product should be tested first. Tools should be cleaned with water when the mortar is fresh. Cured material can only be removed mechanically.

Consumption:

The consumptions stated in the table below refer to areas of natural stone setts with cropped edges and has been compiled from our own extensive experience. The natural shape of setts and different laying designs or techniques, may result in variations to these values. There is no allowance for any loss or wastage, etc. If in doubt, determine actual consumption based on a test area. The joint depth in all of these examples is 30 mm.

	Dimensions in mm		Approx. in kg/m ² for joint widths	
	Width	Length	3 mm	5 mm
Cubes	40	40	6,3	10,0
	50	50	5,1	8,2
	40	60	5,3	8,5
Small setts	100	120	2,4	3,9
	100	100	2,6	4,3
	80	100	2,9	4,8
Larger setts	60	80	3,8	6,1
	160	180	1,6	2,6
	140	180	1,7	2,8
	120	160	1,9	3,2

Key technical values:

All GftK pavement jointing mortars are designed to have the ideal correlation between their compressive, flexural and modulus of elasticity values, according to their recommended areas of use.

Compressive strength: approx. 15.0 N/mm²

Flexural strength: approx. 5.5 N/mm²

E Modulus: 2330 N/mm²

Bond strength: >1.5 N/mm²

Permeability: Good (10 l/min/m² @ 10% joints)

Storage: 1 year in original, unopened, sealed and undamaged packaging, kept dry and frost-free.

Safety information:

- When using vdw 805 Pavement Jointing Mortar avoid contact with skin and wear protective clothing including safety glasses and gloves.

No direct legal liability can be assumed based on the data in this product information or from any verbal advice unless the content of this verbal advice is expressly confirmed by us in writing. This product information makes all previous product information invalid.

Rheinbach-Flerzheim, 31.03.2007

Contact

