

# vdw 840N Polymeric Jointing Mortar (Vacuum Packed)

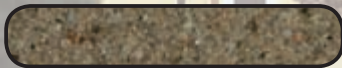
High performance for light traffic areas



Pavement joint mortar for natural stone, reconstituted stone and concrete block pavement surfaces for garden paths, patios and display areas etc. that are not used by vehicles

- Fast and cost effective
- Durable
- Clean non-stained surfaces
- Frost and de-icing salt resistant
- No weeds or boring insects
- Water permeable
- Reduces trip hazards
- Environmentally inert when cured

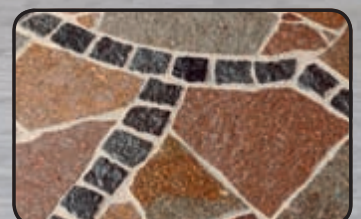
- Natural Sand



- Stone Grey



- Basalt (Dark Grey)



**GftK**

# Product information

## Site requirements:

Stable base, dry and water permeable base. Base, sub-layers and upper layers need to be designed for the relevant traffic loads, in accordance with the paving manufacturing recommendations and BS 7533 where appropriate.

- The pavement jointing mortar cannot be used to compensate for any movement or settling of the pavement sub-structure.
- **vdw 840 N is not suitable for use indoors.**

The joint depth must be at least 30 mm, joint width at least 5 mm. The paving, joint mortar and ambient temperature should be min. 5 °C.

## Tools:

Knife, rubber bladed trowel and coconut hair brush

## Preparation:

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

## Filling the joints:

Cut open the PE plastic bag, pour out the contents. Spread the mortar across the surface using a rubber bladed trowel and work thoroughly into the joints. High temperatures will reduce and low temperatures increase the time for hardening and rain protection being required.

## Brushing off:

Remove any excess mortar immediately and completely by brushing diagonally into the joints using a coconut hair brush. Cordon off the freshly applied area for at least 12 hours. Then the areas can be walked over. Protect this area from rain or water flow for a period of at least 12 hours. A very thin film of the resin binder will remain on rough surfaces or any surfaces that are not cleaned thoroughly. This film will disappear after a period of exposure to traffic and the elements. Practical experience has shown that on some reconstituted stone, the film can make the stone appear darker, or to have a 'wet look'. If this is required for the long term then an additional surface finishing coat is required. With critical stone surfaces and colours the should be tested first. Tools can be cleaned with water when 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. kg/m <sup>2</sup> for joint widths		
	Width	Length	5 mm	10 mm	15 mm
Mosaic areas	40	40	11,0	19,8	27,0
	50	50	9,0	16,5	22,8
	40	60	9,3	17,0	23,4
Stone setts	100	120	43,3	8,3	12,0
	100	100	4,7	9,0	12,9
	80	100	5,3	10,0	14,3
Larger setts	60	80	6,7	12,6	17,7
	160	180	2,8	5,5	8,1
	140	180	3,0	5,9	8,6
Larger tiles	120	160	3,5	6,7	9,7
	600	400	1,0	2,0	3,0
	400	400	1,2	2,4	3,6
	300	300	1,6	3,2	4,7
	200	200	2,4	4,7	6,9

## 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. 8.0 N/mm<sup>2</sup>

Flexural strength: approx. 4 N/mm<sup>2</sup>

E Modulus: ??? N/mm<sup>2</sup>

Bond strength: >1.5 N/mm<sup>2</sup>

Permeability: Medium (12 l/min/m<sup>2</sup> @ 20% joints)

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

## Safety information:

- When using vdw 840 N Jointing mortar avoid contact with skin and wear protective clothing including safety glasses, gloves etc.

**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

