



# Paving Jointing - GftK Product Selection Guide

To use this Selection Guide, we suggest that you first use the Paving Jointing Checklist (available to download on our website), to identify and consider all of the key selection criteria.

This will include: Checking the Type of Area; the Paving Type & Substructure Build-up; the Joint Dimensions; the anticipated Traffic Loading, the Cleaning Regime, and the Exposure in Service; the Environmental Conditions for Application, as well as the Application Requirements; plus the durability and length of service required.

	GftK vdw Paving Jointing Solutions						
	GftK Patio Grout	GftK vdw 400 plus	GftK vdw 840 plus	GftK vdw 800	GftK vdw 815 plus	GftK vdw 850 plus	GftK vdw Variosand
Technology basis	1-part, air drying	Cement - based slurry	1-part, air drying	2-part, epoxy (1st gen)	2-part, epoxy (2nd gen)	2-part, epoxy (2nd gen)	Polymeric sand
<b>1-Type of Area</b>							
Patios & Pathways	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Driveways & Car Parking Areas	n/a	Yes	n/a	Yes	Yes	Yes	Yes
Commercial Retail Areas	n/a	Yes	n/a	Yes	Yes	Yes	Yes
Town Centres, Roads & Highways Works	n/a	Yes	n/a	Yes	n/a	Yes	n/a
<b>2 - Type of Paving</b>							
Natural Stone	Yes	Yes	Yes	Yes <sup>⊕</sup>	Yes	Yes	Yes
Reconstituted Stone	Yes	Yes	Yes	Yes <sup>⊕</sup>	Yes	Yes	Yes
Concrete Pavers	Yes	Yes	Yes	Yes <sup>⊕</sup>	Yes	Yes	Yes
External Porcelain Tiles (min 20mm)	Yes <sup>*</sup>	Yes	Yes <sup>*</sup>	Yes <sup>⊕</sup>	Yes	Yes	n/a
Brick & Clay Pavers	Yes	Yes	Yes	Yes <sup>⊕</sup>	Yes	Yes	n/a
<b>3 - Paving Format</b>							
Large Format Slabs (> 300-400 x 300-400mm)	Yes	Yes	Yes	Yes <sup>⊕</sup>	Yes	Yes	n/a
Smaller Format Slabs (< 300-400 x 300-400mm)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Setts (Square and / or Tumbled)	⊘	Yes	⊘	Yes	No	Yes	No
Cobbles (Rounded)	⊘	⊘	⊘	Yes	No	Yes	No

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<b>4 - Paving Substructure &amp; its Permeability</b>							
Permeability	Yes	No	Yes	Yes	Yes - Limited	Yes - Limited	Yes
Unbonded Flexible Paving: Compacted Sand Bed	No /Yes **	⊘	No /Yes **	⊘	No /Yes **	No /Yes **	Yes
Bonded Paving: Compacted MOT & Permeable Concrete Base/Wet Bed Dry Mortar	Yes	Yes	Yes	Yes	Yes	Yes	⊘
Use on Unknown Existing Permeable Build-up (According to Simple Glass of Water Test)	Yes	Yes	Yes	Yes	Yes	Yes	⊘
Use on Existing or New Non-permeable Build-up (According to Simple Glass of Water Test)	⊘	Yes	⊘	Yes	Yes	Yes	⊘
<b>5 - Paving Joint Dimensions</b>							
5.i Joint Width	5-25mm	3-25mm	5-25mm	5-25mm	3-10mm	5-25mm	2-4mm
5.ii Joint Depth (Minimum)	20-30mm <sup>③</sup>	20-40mm <sup>③</sup>	20-30mm <sup>③</sup>	min. 30mm	20-30mm <sup>③</sup>	20-30mm <sup>③</sup>	min. 40mm
<b>6 - Performance &amp; Exposure in Service</b>							
<b>6.i - Traffic Loading Exposure</b>							
Pedestrian (Incl. Cycles)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cars & Vans, Light Vehicles	n/a	Yes	n/a	Yes	Yes	Yes	Yes
Trucks & Heavy Delivery Vehicles	n/a	Yes	n/a	Yes	n/a	Yes	n/a
6.ii - Mechanical Impact & Abrasion Resistance	✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	n/a
<b>6.iii - Cleaning Regime</b>							
Jet-Washing Resistance	⊘ Avoid direct jetting the joints	✓✓✓✓✓	⊘ Avoid direct jetting the joints	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	⊘ Avoid direct jetting the joints
Mechanical Road Sweeper / Cleaner Resistance		✓✓✓✓		✓✓✓✓✓	n/a	✓✓✓✓✓	
6.iv - De-icing Salt Resistance	✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓
6.v - Boring Insect Resistance	✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓
6.vi - Weed Growth / Root Resistance	✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓✓✓	✓✓✓

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<b>7 - Environmental Conditions for Application</b>							
Working in Wet Weather	✓✓✓✓✓	✓✓✓ <sup>②</sup>	✓✓✓✓✓	✓✓✓✓ (Not in rain)	✓✓✓✓✓	✓✓✓✓✓	⊘
Working in Low Temperatures (Temperature Range)	✓✓✓ (>+5°C to 25°C)	✓✓✓ (>+5°C to 25°C)	✓✓✓ (>+5°C to 25°C)	✓✓✓ (>+7°C to 25°C)	✓✓✓✓✓ (>+3°C to 25°C)	✓✓✓✓✓ (>+3°C to 25°C)	✓✓✓ (>+8°C to 30°C)
Precipitation (Rainfall) & Residual Water)	Yes	No	Yes	Yes	Yes	Yes	No
Smell / Odour	No	No	No	No	No	No	No
<b>8 - Site Application</b>							
Mixing Equipment Required	No	Yes	No	Yes	Yes	Yes	No
Tooling & Finishing Required	No	Washboy for Cleaning	No	No	No	No	Wacker Plate for Compaction
Risk of Staining	Very Low	Low-Med (Cement - staining / haze)	Very Low	Low-Med (1st generation epoxy sheen)	Very Low	Very Low	Low - Med

If you are uncertain about any of the elements in this Selection Guide, please contact **NCC Streetscape** for clarification.

### How to use this Selection Guide:

We suggest you use our checklist to:

- 1 Check Area of Use
- 2 Confirm Paving Type & Substructure
- 3 Check Joint Dimensions
- 4 Check Traffic Loading
- 5 Check Cleaning Regime Exposure in Service
- 6 Check the Conditions & Application
- 7 Select the most appropriate GftK Paving Joint Product**

### Notes:

- ⊘ Not recommended
- \* Not suitable for direct water jetting
- \*\* No for New / Yes for Existing (settled paving) repointing
- ① Risk of staining
- ② No residual water in the joints
- ③ Minimum 20mm as full depth of paving units i.e. external porcelain tiles & sawn natural stone, otherwise min 30mm and where width is over 15mm, twice the width

### Rating Guide:

- ✓✓✓✓✓ Excellent
- ✓✓✓✓ Good
- ✓✓✓ Limited
- ✓✓ Not Ideal

For more information visit:  
[www.NCCStreetscape.co.uk](http://www.NCCStreetscape.co.uk)  
 or for specific project advice  
 Call **01257 266696**