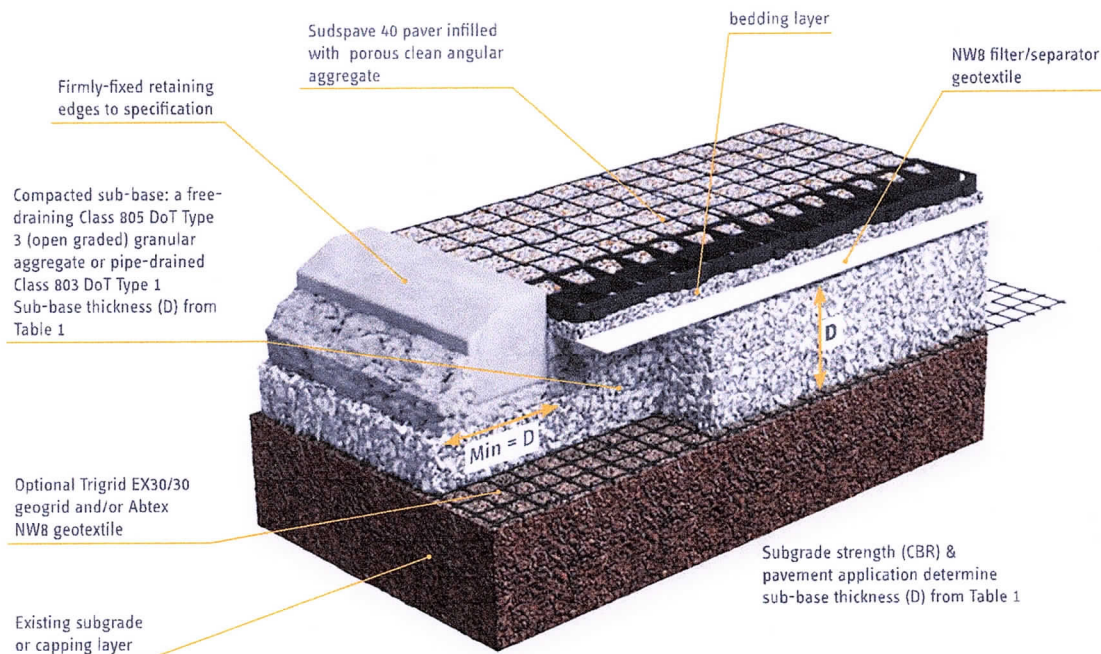


Design, installation and maintenance guidance for gravel surfaces

Sudspave® 40 cellular paving is suitable for a wide range of trafficked applications and landscaped areas where a confined, free-draining gravel surface is required. Typical applications include: car parks, emergency access, maintenance routes, cycle paths, pedestrian and disabled access.



Technical specification

System	Sudspave®
Colour	Black
Paving unit size	500mm x 500mm x 40mm (nominal)
Coverage rate	4 units per m ² panel (nominal) - supplied pre-connected
Cell dimension	49 sequentially irregular cells : 45-68mm x 45-68mm (nominal) per unit
Cell structure	Robust flexural contoured walls
Paving unit footprint	Open structured with load bearing crossbars
Weight	1.4kg/paving unit & 5.6kg/m ² panel (nominal)
Compressive strength (filled)	3000kN/m ² ≈ 300 tonnes/m ² (nominal)
Permissible axle load	210kN/axle
Connection & interlock	Positive self-locking T-shaped lug and clip-slot mechanism
Flexure & expansion	In-built flexural cell design
Parking bay & line markers	White mouldings (204mm x 68mm) slot into 3 cells - 4 No./lm (other colours on request)
Chemical resistance	Excellent
UV stability	High resistance to colour & strength degradation
Infiltration capacity	Limited by the permeability of the specified infill material
Bedding layer material	Porous, clean angular aggregate : 3mm - 14mm particle size, with greater proportion in 7mm - 10mm range
Bedding layer thickness	A uniform layer 10mm - 30mm thick maximum
Cell infill material	Porous, clean angular aggregate : 3mm - 14mm particle size, with greater proportion in 7mm - 10mm range
Upper Filter/Separator Geotextile (optional)	ABG Terrex NW8 Geotextile. 1mm thick - 100g/m ² - 8kN/m ²
Sub-base type	DoT Type 3, Type 1x, Type 4/40 or Type 1 (with appropriate drainage)
Sub base thickness	100mm - 350mm : Refer to Table 1 for thickness 'D' in millimetres (mm)
Sub-base reinforcement (optional)	Abgrid Geogrid (Refer to Table 1)
Lower filter/separators geotextile (optional)	ABG Terrex NW8 Geotextile. 1mm thick - 100g/m ² - 8kN/m ²
Sub-base attenuation (optional)	Geomembrane containment system and geotextile protection (optional)

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Sudspave® 40

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