



## Sudspave 40®

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### Detailed description

A system of interlocking cellular paving units designed for the stabilization of trafficked grass or gravel surfaces.

Offers a cost-effective, robust and aesthetic solution for many applications where gravel retention or grass reinforcement is required and where source-control of surface water forms part of a Sustainable Drainage Systems (SuDS) design).

Designed to be installed onto a stone sub-base construction incorporating Geogrids to minimize material and construction costs, the paving units may also be considered for 'reduced-dig' applications where the depth of excavation has been limited due to archaeological or SSSI concerns, or in tree-root protection zones.

To aid rapid installation, four individual Sudspave units form a pre-connected 1 m<sup>2</sup> section and the paving system clips and locks together to provide a continuous integral surface which is able to resist deformation and dislocation. The paving units can be filled with either angular gravel for a hard wearing surface or with a formulated growing medium into which grass seed is sown to provide a vegetated finish suitable for occasional trafficking.

### Features and benefits:

- High load bearing capacity.
- Pre-connected for rapid installation.
- UK manufactured.
- Infilled with grass or gravel to suit project requirements.

Designed for infill with either grass or gravel. Its high performance characteristics make it suitable for a very wide range of applications.

### Applications:

- SuDS source control.
- Fire access routes.
- Grass car parks.
- Gravel car parks.
- Lay-bys.
- Residential parking.
- Tram subgrades.
- Slope reinforcement.
- Swale reinforcement.
- Pedestrian/ cycle paths.
- Airfields/ helipads.
- Golf courses.



### ABG creative geosynthetic engineering

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- Camping sites.
- Paddocks and stables.
- Driveways.
- Garden pathways.
- Pond banks.
- Infiltration trenches.

### Product guidance - As Standard

#### Sub-base:

DoT Type 3, Type 1x, Type 4/40 or Type 1 (with appropriate drainage).

#### Sub-base thickness:

100–350 mm.

#### Colour:

Black.

#### Size:

- Paving unit: 500 x 500 x 40 mm.
- Cell: 70 x 70 mm (49 openings per unit).

#### Wall thickness:

4 mm.

#### Weight:

1.4 kg/ paving unit.

#### Compressive strength (filled):

3000 kN/m<sup>2</sup>.

#### Permissible axle load:

210 kN/ axle.

### Options

#### Upper filter/ separator geotextile:

ABG Terrex NW8 Geotextile, 1 mm thick.

#### Sub-base reinforcement:

Abgrid Geogrid.

#### Lower filter/ separator Geotextile:

ABG Terrex NW8 Geotextile, 1 mm thick.

#### Sub-base attenuation:

ABG creative geosynthetic engineering



Geomembrane containment system and geotextile protection.

## Product specification

### Manufacturer

- Name: ABG creative geosynthetic engineering
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<b>Product reference</b>	Sudspave 40®
<b>Upper filter/ separator geotextile</b>	Required Not required
<b>Sub-base reinforcement</b>	Required Not required
<b>Lower filter/ separator geotextile</b>	Required Not required
<b>Sub-base attenuation</b>	Required Not required