



Sudspave 30®

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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 m² 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.

Applications:

- SuDS source control.
- Grass or gravel car parks.
- Overspill car parks.
- Emergency service access.
- Disabled access routes.
- Driveways.
- Lawn reinforcement.
- Golf buggy paths.
- Taxiways and helipads.

Product guidance - As Standard

Sub-base:

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

ABG creative geosynthetic engineering



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Unit E7
Meltham Mills Industrial Estate
Meltham Mills Road
Meltham
West Yorkshire
HD9 4DS

Tel: +44 (0)1484 852096

www.abgltd.com
geo@abgltd.com



Sub-base thickness:

100–350 mm.

Colour:

Black.

Size:

- Paving unit: 500 x 500 x 30 mm.
- Cell: 70 x 70 mm (49 openings per unit).

Wall thickness:

4 mm.

Weight:

1.2 kg/ paving unit.

Compressive strength (filled):

1500 kN/m².

Permissible axle load:

80 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:

Geomembrane containment system and geotextile protection.

Product specification

Manufacturer

- Name: ABG creative geosynthetic engineering
- Web: www.abgltd.com
- Email: geo@abgltd.com
- Tel: +44 (0)1484 852096



- Fax: +44 (0)1484 851562

- Address: Unit E7, Meltham Mills Industrial Estate, Meltham Mills
Road, Meltham, West Yorkshire HD9 4DS

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**Upper filter/ separator
geotextile** Required
Not required

Sub-base reinforcement Required
Not required

**Lower filter/ separator
geotextile** Required
Not required

Sub-base attenuation Required
Not required