

## **CELLPAVE™ 50**

Interlocking cellular paving grid system.



A heavyweight solution for commercial parking areas and access tracks. Fully tested and certified by TUV for vehicles up to 60 tonnes.

CellPave™ 50 is an interlocking cellular paving grid system that can be infilled with either a gravel or grassed finish. Manufactured from 100% recycled LDPE plastic, CellPave™ 50 permeable grass and gravel plastic pavers are supplied per sq/m. CellPave™ 50 grass pavers are a cost effective solution to worn and rutted grassed areas, displaced gravel and for source control of surface water run-off. CellPave™ 50 paving grids are designed to be installed onto a well prepared, free-draining and relatively even surface using

### **APPLICATIONS**

- Commercial parking areas (including coaches)
- Access roads and fire access routes
- Aircraft taxiways and helipads
- Pedestrian pathways
- Embankments and shoreline reinforcement
- Erosion protection



CellPave™ 50 comes pre-assembled (12 grids per layer). This allows for keeping transport costs to a minimum and facilitates fast and easy installation. The grids can be separated as needed.

either a 'Reduced Dig System' or by employing a full sub-base construction incorporating a geogrid reinforcement layer.

## INSTALLATION

CellPave™ 50 can be cut with a common angle grinder or jigsaw. The grass reinforcement paver grids have a very open cell structure allowing unrestricted healthy grass root growth and water infiltration and can be used as part of a sustainable urban drainage system (SuDS).

CellPave™ 50 pavers should be installed onto a firm level sub-base (typically a DoT Type 3 or porous sub-base). The thickness of this base is dependant on the existing ground conditions and the design load specifications.

Please note that with all installations of grass pavers, it is strongly recommended that all areas should have sufficient drainage prior to installation. Failure to ensure this may result in the product not performing as intended.

## PROPERTIES

- Optimal surface load distribution
- High strength construction
- Extremely simple and quick to install
- Hooks together easily with foot pressure
- Pre-assembled at 1.3m<sup>2</sup> (12 grids/layer)
- Anti-slip nodules on top/bottom
- UV resistant and weatherproof
- Long service life

## TECHNICAL SPECIFICATION

### Material:

PE/PP

### Dimensions:

330mm x 330mm (9 grids = 1m<sup>2</sup>)

### Cell Wall Thickness:

5mm

**Effective Depth:**

50mm

**Weight:**8.65kg/m<sup>2</sup>**Sealed Surface Area:**

42%

**Temperature Range:**

-50 - 90°C

**Shape Changes:**

13% when temperature increases to 80°C

**Resistant To:**

Exhaust, diesel fuel, petrol, oil, leaching, de-icing salt, alcohol, organic solvents, ammonia, urine and many other substances

**Test Results:**

Bridge capacity 16/16 for vehicles up to 16t. Total weight permitted in accordance with SIN 1072. Suitable as surface for playgrounds in accordance with the Federal Soil Protection Act.

**Packing Unit:**1 layer = 1.3m<sup>2</sup>**Layers Per Pallet:**

45

**Pallet Dimensions:**1350mm x 1020mm x 2345mm,  
contains 540 pavers (58.8m<sup>2</sup>)**Total Pallet Weight:**

545kg

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