

CellPave™ 50 cellular paving grids are the 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 & gravel plastic pavers are supplied per sq/m. CellPave™ 50 grass pavers are a cost effective solution to worn & 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 either a 'Reduced-Dig System' or by employing a full sub-base construction incorporating a geogrid reinforcement layer.



Handling

You can cut CellPave™ 50 grids easily 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.

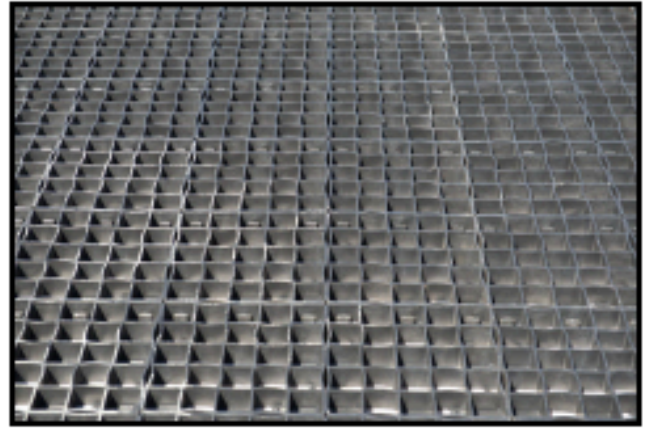
Please note that with all installations of grass pavers, it is strongly recommended that all areas should have sufficient drainage prior to installation. Failure to ensure this may result in the product not performing as intended.

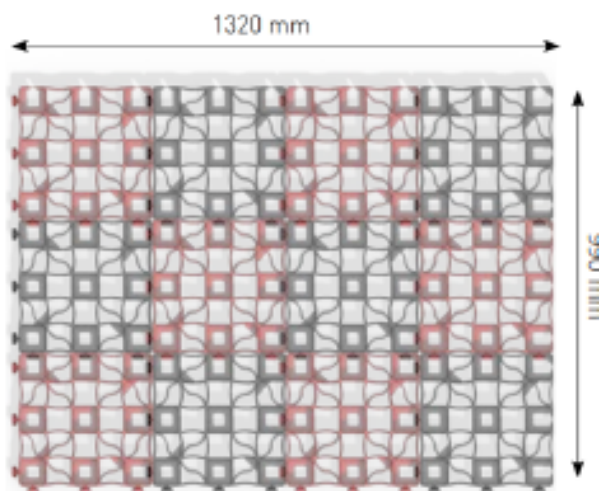
Applications

- Commercial parking areas (inc coaches)
- Access Roads and Fire access routes
- Aircraft taxiways and helipads
- Pedestrian pathways
- Embankments and shoreline reinforcement
- Erosion Protection

Characteristics

- Optimal surface load distribution
- High strength construction
- Extremely simple and quick to install
- Hooks together easily with foot pressure
- Pre-assembled at 1.3m² (12 grids/layer)
- Anti-slip nodules on top/bottom
- UV Resistant and weatherproof
- Long service life





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



White delineators are available for CellPave™ 50.

Technical data

Specification	Details
Effective Depth	50mm
Suitable for	Emergency access, truck parking, small airfields, helicopter pads
Load-bearing Capacity*	175t/m ²
Dimensions	330mm x 330mm (9 grids = 1m ²)
Wall Thickness	5mm
Sealed Surface Area	42%
Weight per m ²	8.65kg
Material	PE/PP
Temperature Range	-50°C – 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 – TUV Süd, Institut für Kunststoffe (Institute for Plastics)	Bridge capacity 16/16 for vehicles up to 16t. Total weight permitted in accordance with DIN 1072. Suitable as surface for playgrounds in accordance with the Federal Soil Protection Act (Bundesbodenschutzverordnung).

*Unfilled grids on stable ground.

Technical data

Specification	Details
Packing Unit:	50mm
Layers per Pallet:	Emergency access, truck parking, small airfields, helicopter pads
M ² per Pallet	175t/m ²
Pieces per Pallet	330mm x 330mm (9 grids = 1m ²)
Pallet Dimensions	5mm
Total Weight (Inc Pallet):	42%