

PRODUCT DATA SHEET
SUREGREEN PP50
POROUS PAVER GRASS &
GRAVEL FINISH



Description:

Interlocking porous plastic paving grids for ground reinforcement for trafficking applications including hardworking car parking, paths, walkways and fire access lanes. PP50 Paving grids provide a stable reinforced permeable load-bearing surface.

Applications:




SUREGREEN PP50 has been manufactured using specially selected 100% recycled plastics that have the qualities that are required for a strong, long-lasting, stable product suitable for the designed traffic load.

Typical uses include:

- Busy and demanding car parks overflow car parks
- Hardworking access routes & roads
- Driveways
- Emergency access routes for fire engines and ambulances
- Wheelchair / disabled access paths
- Free draining pedestrian paths
- Cycle paths
- Aircraft taxiways & helipads
- Golf buggy paths
- Camping sites
- Paddocks
- Horse studs
- Home garden pathways

Features and benefits:

- UV stabilisation to stop degradation by sunlight.
- Tested to 500T/m² (when filled) Tested to UNI CEI EN ISO/IEC 17025 certification capable of withstanding cars, vans, trucks and lorries.
- Paver profile that allows expansion on warmer days or in direct sunlight when required to stop lifting.
- Plastic selection to allow use in cold temperatures – some plastic will become fragile when cold.
- Open structure to allow unhindered water permeability.
- Paver design to maximum support and stability from a grass root or gravel structure.
- All plastics used are stable, chemically inert and are not toxic so are suitable for normal soil conditions.

Product	PP50 Porous Paver	Typical Applications	Frequency of Use	Loading
	Heavy-grade plastic porous pavers for grass and gravel.	Industrial yards, car parks, coach parks, access routes, shed bases and fire access lanes.		

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Characteristics	Data
Dimensions	580mm x 580mm wide x 50mm
Weight	Each piece is 2kg – 6kg per m ² (+/-2%)
Nominal cell dimensions	67mm x 67mm (+/-2%)
Parking bay marker	White Octagonal 78x78mm Marker (92mm on diagonal)
Connection method	Secure paver to paver connection
Cell wall thickness	4mm (+/-2%)
Cell Openness %	89%
Polymer	Recycled Polyethylene
Colour	Black
UV stabilised	Yes
Load bearing capacity (filled)	500 tonnes per m ² (Tested to UNI CEI EN ISO/IEC 17025 certification)
Working Temperature	-40°C - +40°C
Production control	Tested to ISO 9000
Traffic Loading	20 tonne wheel load SWL (Tested to DIN 1072 & UNI CEI EN ISO/IEC 17025 certification)
Pavers per m ²	Three

All data figures are nominal and are given in good faith. Suregreen Limited reserve the right to amend any data without prior notice. Product variances are provided as a guide and normal production and product characteristics are within these parameters