



Ground guards are designed to provide ground reinforcement for a range of traffic duties.

Ground guards for pedestrian and light-duty use.

All quality systems and inspection procedures comply with BS EN ISO 9001: 2015 (Certificate No: FM 01420)



Product Specification

Recommended Vehicle Use (See note 1)	Passenger Cars
Load Bearing Capacity (Tonnes/m ²) filled	300
Load Bearing Capacity (Tonnes/m ²) unfilled	100
Nominal Installed Size (mm)	481x481x40
Nominal Cell Size (mm) (see note 3)	66x66
Grids/m ²	4.32
Infill Volume/m ²	0.034m ²
Weight (kg)	0.7 (2.98 kg/m ²)
Infiltration (mm/hr)	>5000
Colour	Black
Material	Recycled HDPE/PP
Chemical Resistance	Excellent
UV Resistance	High
End Life (see note 4)	Recyclable
Connection Type	Side Lugs and Slots
Demarcation Block Compatibility	Yes
Pallet Details	92/Pallet (27.8m ²) 1x1x1.2m (110kg)

Note 1: The vertical loading strength of all grids will easily handle the maximum wheel load of any road vehicle in the UK. The turning forces and dry steering (turning the wheel while stationary) is the main cause of damage for these grids. Therefore, it is important to establish vehicle class use before specifying.

Note 2: Values are given for unfilled grids, tested on a rigid base; dependent on the type of infill and ground conditions the installed grids load-bearing capacity can reach up to circa 900 Tonnes/m².

Note 3: Nominal cell size taken from finished surface.

Note 4: Recycling facilities vary across the country, contact specialist recyclers or local authority for more information on how to recycle.