

# GroundGuards®



**TOUGHER GROUND PROTECTION**



## Ground-Guards

### A global business with traditional values

Ground-Guards Ltd is located just off the A1 in Walton, near Leeds, in the United Kingdom.

Our large 3.5 acre site has 31,000 sq ft of onsite warehouse storage, so we can respond to customer orders quickly and deliver stock fast.

Our new business headquarters, with 10,000 sq ft of modern office space, includes full corporate training facilities, which are also available for our clients to use.

#### OUR MISSION

Ground-Guards is a division of the global GreenTek Group, established in 1969. Our values have remained the same since day one:

*"We aim to provide innovative, high-performance, and cost effective temporary access solutions, that minimise the impact on the environment."*

#### OUR VISION

*"To be the global innovator that makes plastic trackway so effective, easy to use and affordable, that plywood and stone roadways become redundant for temporary access use."*

#### OUR VALUES

##### Innovation

We know that "best practice" is not good enough. We will be the innovators of "next practice"

##### Generosity

We appreciate all our clients, staff and suppliers and will always be caring and responsible.

##### 100/100

We aim to give 100% effectiveness, 100% of the time through our products, people and processes.

##### Integrity

We will always be honest, respectful and genuine.

##### Guaranteed

We offer the most straightforward guarantees in the market, giving you security and consistency.

##### Delivering WOW!

We will always differentiate ourselves, making positive differences to you by going above and beyond expectations.

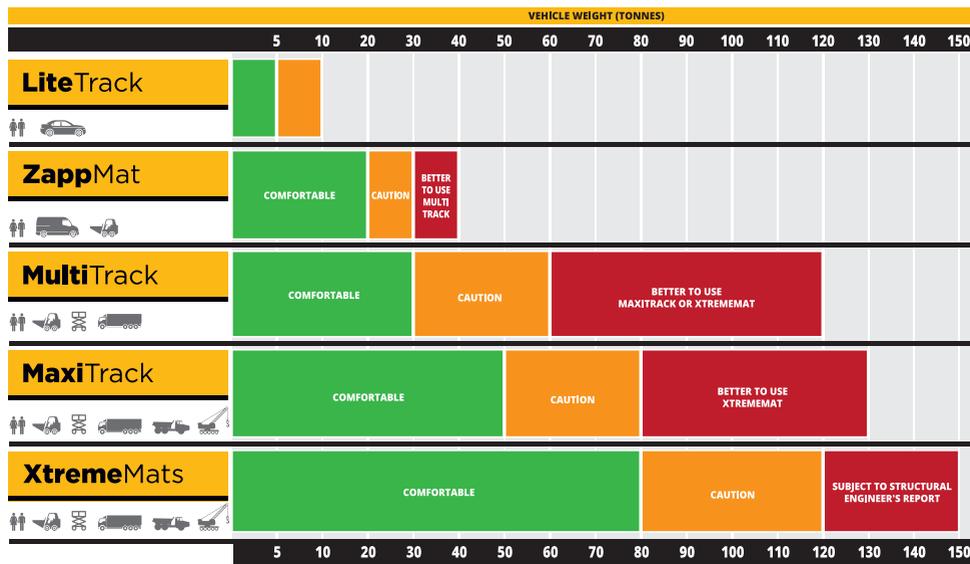


Since Ground-Guards introduced the first plastic ground protection mats to the UK in 2003, our range has grown considerably. Although these mats may appear quite similar, they all have different features which make them particularly suited to specific applications.

When choosing the right mats for your job, consideration must be given to the firmness of the ground, the weight of the vehicles, the duration of the job, and the frequency of vehicle movements per day. The more demanding the application, the higher specification mats will be required. Unpredictable weather is one of the biggest challenges, and becomes increasingly relevant if the job will last for weeks rather than days.



## PRODUCT COMPARISON CHART



These loading guides are for firm, dry ground. If the weather is likely to turn wet, or the job duration is in excess of a week, please ask for advice about using a stronger product.

## HOW TO CHOOSE THE RIGHT MAT FOR YOUR NEEDS

It is vital to select the correct mat system for your project.

Temporary roadways rely on the strength of the ground for support, but as this is different from one site to another and varies according to how wet or dry the weather is, it is always best to err on the side of caution.

**Therefore, the comfortable loading range for any mat system is usually around 1/3 or 1/2 of its maximum rating.**

You also need to consider that the longer the project duration, the greater the risk of rain softening the underlying ground, and therefore the more heavy-duty mat system you will need.

If you need to use steel tracked machinery on your mats please remember that this will inevitably cause scuffing of the treads and potential damage to the joiners, especially where machinery is turning, so rubber tracked or tyred machinery is preferable wherever possible.

*This leaflet can only give a general guide, so please call our friendly Customer Support Team on +44 (0)113 267 6000 for more specific advice.*





VEHICLE WEIGHT (TONNES) 5 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



**TOUGH**

Virtually indestructible HDPE polymer.

**EASY TO HANDLE**

Lightweight 39kg mats easily handleable with two workers.

**MULTI-TREAD**

Roadway, Walkway and Smooth tread options cater for various vehicular and pedestrian needs.

**ENVIRONMENTALLY FRIENDLY**

Made from 100% recycled plastic and fully recyclable.

**GUARANTEED UNBREAKABLE**

Lifetime guarantee against breakage by vehicles up to 120 tonnes.



Roadway  
Walkway  
Smooth

**MultiTrack is the mat that started the whole plastic trackway revolution back in 2002 and it is still the undisputed market leader in 8' x 4' mats today.**

The secret of Multi Track's popularity is the extreme durability of the special HDPE plastic. This is guaranteed unbreakable for life by vehicles up to 120 tonnes, which is vastly heavier than any vehicles that they are normally used with. The result is a trackway mat system which gives unmatched durability for demanding applications such as plant hire companies and civil engineers.

**Material:** Special blend of HDPE recycled plastic, fully recyclable

**Overall Size:** 2435 x 1215 x 13mm (plus treads)

**Surface Area:** 2.95m<sup>2</sup>

**Weight:** 39kg

**Tread Options:** Roadway, Walkway and Smooth, or a combination

**Connectors:** 10 joining points. A choice of standard clip joiners, low profile joiners or bolted joiners, plus anchor pins

**Packed in:** Stillage of 25 mats

**Stillage Pack:** *Weight:* 1105kg  
*Dimensions:* 2550 x 1260 x 900mm

**Fire Rating:** UL94 HB

**Slip Testing:** BS7976 part 2

**Deflection:** *Ground CBR 4% :* Deflection 11mm  
*Ground CBR 11% :* Deflection 17.7mm

**Installation Rate:** Approximately 50 mats per hour with a team of 4 plus a forklift driver



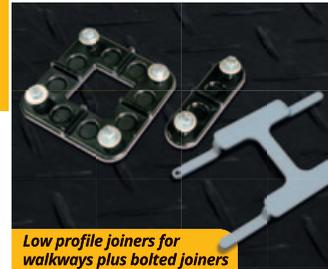
MultiTrack mats are the strongest in their category



Mats are easily moved using a HandiHook



Standard no-tools joiners quickly clip the mats together



Low profile joiners for walkways plus bolted joiners



Packed in stillages of 25 for safe, efficient storage

**APPLICATIONS:**

ACCESS ROADS

WALKWAYS

PAVEMENT PROTECTION (WITH BASETRACK)

EVENT FLOORING





VEHICLE WEIGHT (TONNES) 5 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



**EASY TO HANDLE**

Lightweight 40kg mats easily handleable with 2 workers.

**TOUGH**

Unique Zetralene® plastic for maximum impact resistance.

**EXTRA STRONG GRIP**

Unique SmartGrip™ tread gives superior grip in all directions.

**MUD SUPPRESSION**

Flanged joints suppress mud seepage and enable heat expansion.

**GUARANTEED UNBREAKABLE**

5 year guarantee against breakage by vehicles up to 130 tonnes.



**For demanding ground protection jobs, the MaxiTrack system offers unique benefits unavailable in any other product.**

The mats have a core thickness of 23mm which is almost twice as thick as conventional systems, but due to their 1.8 x 0.9m size they still only weigh 40kg which makes them both rigid and easily man-handleable. The extra thickness enables an overlapping lip design with bolted connections, providing vastly superior support and mud suppression on soft ground. The connector holes are slotted to accommodate heat expansion, thus making MaxiTrack ideal for large areas such as car parks, military logistics depots and aircraft taxiways.

- Material:** Zetralene® recycled plastic, fully recyclable
- Overall Size:** 1900 x 1000 x 35mm
- Nominal Size:** 1800 x 900 x 23mm
- Surface Area:** 1.62m<sup>2</sup>
- Weight:** 40kg
- Packed in:** Stillage of 25 mats
- Stillage Pack:** *Weight:* 1130kg  
*Dimensions:* 2110 x 1030 x 1090mm
- Connectors:** 6 self-aligning shoulder bolts per mat
- Fire Rating:** UL94 HB
- Slip Testing:** BS7976 part 2
- Deflection:** *Ground CBR 4% :* Deflection 9.5mm  
*Ground CBR 11% :* Deflection 7.7mm
- Installation Rate:** Approximately 60 mats per hour with a team of 4 plus a forklift driver



Easy to install and connect together



Lightweight for a simple two-person lift



Tough mats support extremely heavy loads



Mats can be joined in fours and lifted via central hooks



Packed in stillages of 25 for safe, efficient storage

**APPLICATIONS:**

- SITE COMPOUNDS
- ACCESS ROADS
- CAR PARKS
- WALKWAYS
- PAVEMENT PROTECTION
- EVENT FLOORING





**SOLID, YET FLEXIBLE**  
Flexible ground mats follow ground contours yet are strong enough to protect the surface.

**STRONG GRIP**  
Checker plate tread suitable for pedestrians and vehicles.

**COST-EFFECTIVE**  
Cost-conscious system ideal for temporary construction sites and events. Durable plastic outlasts plywood many times over.

**SAFE**  
Splinter-free, solid plastic creates safer working conditions.

**FLEXIBLE JOINING OPTIONS**  
Multiple holes provide various joining options for additional strength.

**ENVIRONMENTALLY FRIENDLY**  
Made from 100% recycled LDPE plastic.

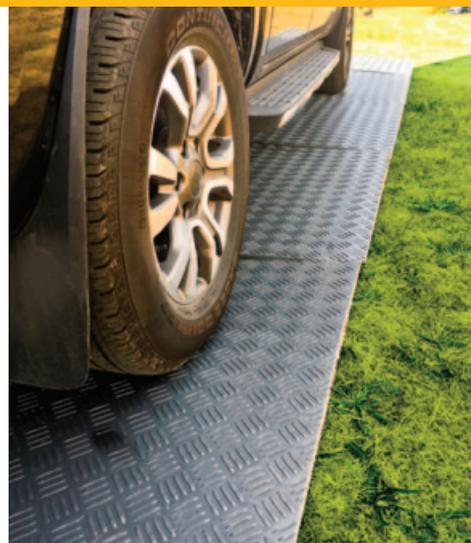
**For lighter duty, more flexible applications, LiteTrack and BudgetMat are the cost-effective trackway of choice to safely support vehicles and pedestrians.**



**APPLICATIONS:**  
EVENT FLOORING  
PITCH PROTECTION  
CAR PARKS  
PAVEMENT PROTECTION



**Material:** 100% recycled LDPE  
**Overall Size:** 2400 x 1200 x 11mm  
**Weight:** 32kg  
**Tread:** Checker plate on one side, smooth on the other



### VERSATILE

Wide ranging applications including temporary car parks over a stone base, marquee flooring, playgrounds, site walkways, warehouse flooring and livestock flooring.

### COST-EFFECTIVE

Economical compared to other systems on the market.  
Strong and durable to provide a return on investment.

### SAFE

Anti-slip surface eliminates trip hazards.  
Interlocking lips enable smooth joins.  
Gentle edging ramps provide a safe transition to ground level.

### ENVIRONMENTALLY FRIENDLY

Made from 100% recycled PVC.



## This quick-install flooring system is ideal for a vast range of applications.

For cost-effective easy to lay flooring, FastCover is a flexible interlocking mat system made out of recycled PVC. These versatile mats can be laid directly onto grass for use as marquee flooring, footpaths and walkways, or over a stone base as a temporary car park surface. They can also be used for temporary protection for paving during site works, or as a permanent flooring system for factories and warehouses. In the agricultural sector FastCover is ideal for equestrian and livestock flooring. Made from 100% recycled PVC, FastCover provides a strong, durable, anti-slip surface at an economical price. The mats have integral interlocking lips to enable smooth joins without trip hazards, and edge ramps provide a gentle transition to ground level.

#### FC115

**Dimensions:** 1200 x 800 x 22mm including lips (1160 x 760mm usable area)

**Weight:** 20kg

**Tread:** Anti-slip

**Quantity per pallet:** 50

#### FC102

**Dimensions:** 1200 x 800 x 43mm including lips (1160 x 760mm usable area)

**Weight:** 32kg

**Tread:** Anti-slip

**Quantity per pallet:** 30



*Ideal as a temporary construction site car park*



*Fast and easy to join*



*Warehouse flooring protection*



*The perfect pedestrian walkway*



*Quality outdoor surfaces created in no time*

### APPLICATIONS:

- WALKWAYS
- PAVEMENT PROTECTION
- EVENT FLOORING







VEHICLE WEIGHT (TONNES) 5 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



**UNIQUE CONSTRUCTION**

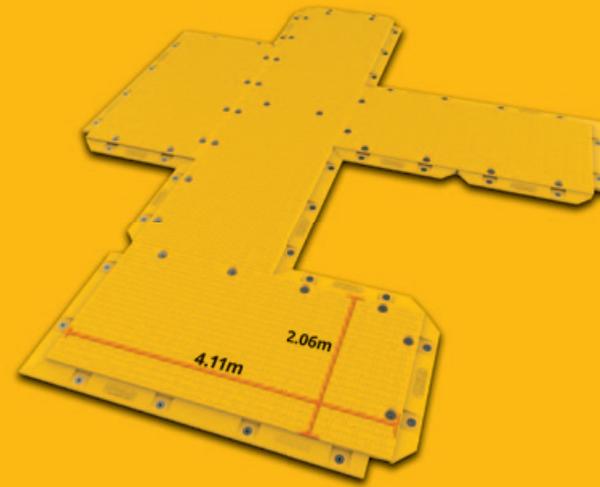
Ultra-tough HDPE plastic outer layer with a hard foam inner core for strength and buoyancy.

**BIG**

Large 4x2m mats are ideal for big projects and long access roads.

**BUOYANT**

Their buoyancy means you can make access roads across boggy ground, through swamps, or even floating on water!



**XtremeMat is the most advanced and versatile heavy-duty matting system in the world!**

Built for use in the harshest of environments, XtremeMats will far outlast timber bogmats, making them a sound investment for long term projects and rental companies. Featuring overlapping flange joints to give total support on soft ground, XtremeMats are connected with special Mega-Thread bolts for easy alignment on undulating sites. These large 4x2m mats can be joined in any direction for maximum versatility on site, and by half overlapping the mats their strength and rigidity is greatly increased.

**Material:** HDPE plastic, fully recyclable

**Overall Size:** 4340 x 2290 x 100mm

**Surface Size:** 4110 x 2060mm

**Surface Area:** 8.46m<sup>2</sup>

**Weight:** 385kg

**Packed in:** 40 mats per 40' ISO container

**Connectors:** 6 self-aligning bolts

**Temperature Rating:** -34°C to +49°C

**Compressional Strength:** 40kg/cm<sup>2</sup> (600 psi)

**Static Dissipative Protection:** Yes

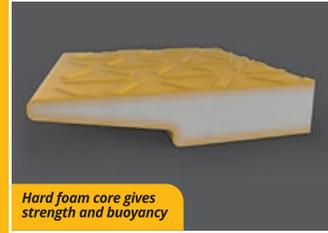
**UV Protection:** Yes



Mats interlock for extra strength



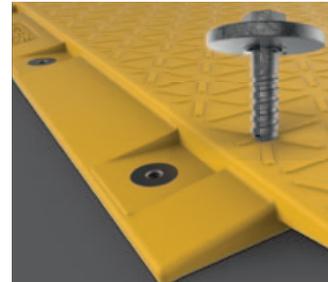
Ideal for boggy ground



Hard foam core gives strength and buoyancy



Easy to install with grab forks



Overlapping flange joints and Mega-Thread bolts

**APPLICATIONS:**

- HAUL ROADS
- CRANE ACCESS
- SITE COMPOUNDS
- ACCESS ROADS
- CAR PARKS





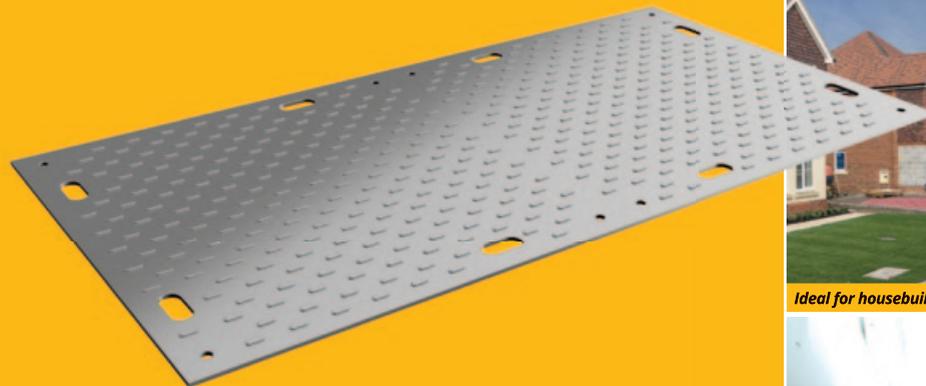
VEHICLE WEIGHT (TONNES) 5 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



**BESPOKE**  
Show off your brand with mats in your own company colour and logo!

**VERSATILE**  
Ideal for a range of medium duty applications.

**COST-EFFECTIVE**  
Attractive bulk buying prices give a great ROI.



Ideal for housebuilding projects



Strong tread pattern



Multiple applications



Get your corporate colours noticed!

### Make a bold statement with ZappMat!

Zapp your brand and get your company noticed every step of the way with the ZappMats range of corporate branded ground mats.

Available to match your own bespoke corporate colour and logo, with a minimum order of just 40 mats, ZappMats are the perfect way to enhance your brand like never before!

Lightweight and portable for ease of handling, ZappMats can be used to create temporary access roads, pedestrian walkways, car parks, event floors, worksite compounds, driveway protection and more.

Make a strong statement with ZappMats today!

- Material:** HDPE
- Overall Size:** 2440 x 1220 x 12mm
- Weight:** 32kg
- Packed in:** 30 mats per pallet
- Tread:** Reversible vehicle/pedestrian
- Connectors:** Heavy duty plate joiners or standard connectors
- Colour:** Grey (standard) or bespoke colours and logos to order (minimum 40 mats)

- APPLICATIONS:**
- EVENT FLOORING
  - CAR PARKS
  - WALKWAYS
  - DRIVEWAY PROTECTION
  - LANDSCAPE WORKS
  - ACCESS ROADS





## PREVENT KERB DAMAGE!

Kerb damage is a serious problem on the majority of housebuilding sites. Many projects allow for the cost of replacing anything from 50% to 100% of the kerbs on site before completion of a housing estate.

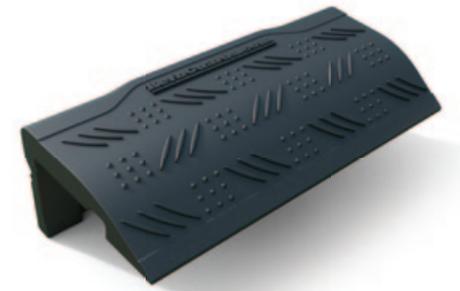
The need to obtain the best ROI in the shortest time tends to encourage the early establishment of street-scene, which makes kerbs more vulnerable to damage from ongoing site traffic. However, the process of removing, replacing, and disposing of damaged kerbs before highway adoption is both expensive and frustrating!

The solution is the brand new KerbGuards system. These re-usable kerb protectors, made from heavy-duty recycled PVC, absorb impacts and shield your kerbs from damage by telehandlers, diggers, dumpers and delivery lorries.

They can be fixed in position by anchor bolts, or simply haunched in with temporary tarmac.

KerbGuards offer a huge saving of time, labour, aggravation and money. It is time to get smart and start using KerbGuards.

**DO IT RIGHT,  
DO IT ONCE!**



KG400 for protecting corners and curves



KG900 for straight runs

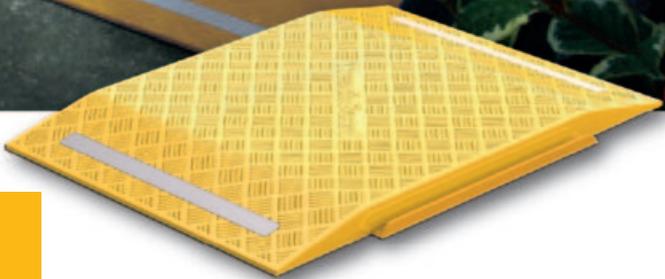


Available in bespoke logos and colours



### SPECIFICATIONS

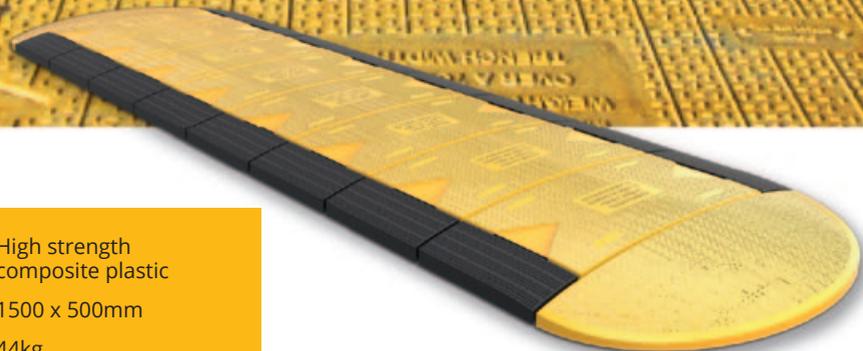
	KG400	KG900
WIDTH	400mm	900mm
HEIGHT	160mm	160mm
DEPTH	200mm	200mm
WEIGHT	3.7kg	8.8kg
COLOUR OPTION	Black/Yellow or Bespoke	
MATERIAL	Recycled PVC	



- Material:** Ultra strong plastic with a steel reinforced honeycomb structure
- Overall Size:** 1400 x 800 x 50mm
- Weight:** 18kg
- Installation:** Panels interlock without need of specialist joining equipment
- Load Strength:** Loads of 500kg per wheel over a 600mm trench supported
- Tread:** High visibility, anti-slip

**This pavement trench cover system is safe, strong and sets a new standard in trench care and public safety.**

Featuring special interlocking flange joints to eliminate panel movement, an anti-slip tread pattern for extra foot and wheel grip and high visibility reflective strips, TrenchGuard is safe and secure.



- Material:** High strength composite plastic
- Overall Size:** 1500 x 500mm
- Weight:** 44kg
- Installation:** Drop pins automatically locate the TrenchPlates over the trench, preventing movement when vehicles are crossing
- Load Strength:** Loads of 6000kgs over a 700mm trench supported
- Tread:** High visibility, anti-slip

**A modern replacement for traditional highway approved steel road plates, TrenchPlates are easy to install, quieter in use, and not susceptible to metal theft.**

### HIGH PERFORMANCE

Portable flooring system  
Protects turf from damage

### LIGHTWEIGHT

Easy to install, handle and transport

### STRONG

Continuous overlapping lips with a quarter turn locking mechanism  
Reinforced with additives for strength and ultra violet resistance

### ENVIRONMENTALLY FRIENDLY

100% recyclable



## Protect your turf from the rigours of a non-sporting event!

The Matrax high-performance system is custom designed for use in stadiums and other large-scale venues that wish to maximise their revenue by hosting other events.

The Matrax system has two options: HD and LD Panels which integrate seamlessly together to provide optimum turf protection for both vehicular and pedestrian traffic.

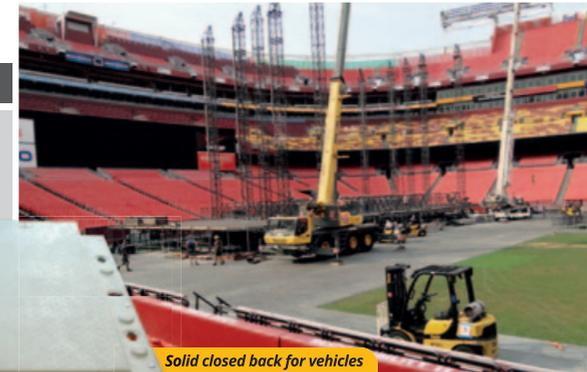
### MatraxHD

#### FOR VEHICULAR ACCESS

- Vehicle and pedestrian friendly
- Closed-back design higher load capacity
- Uniform lateral load transfer between panels
- Embossed diamond plate tread provides anti-skid surface



Solid closed back for vehicles



### MatraxLD

#### FOR PEDESTRIAN ACCESS

- Pedestrian friendly
- Open-back design to maximise turf health
- Strong but lightweight for easy handling
- Translucent with air holes allow additional light, oxygen and water drainage



Translucent open back for pedestrians



**Material:** HDPE

**Overall size:** 1220 x 1200 x 38mm

**Surface Area:** 1.25m<sup>2</sup>

**Weight:** 22.7kg (Matrax HD)  
13.8kg (Matrax LD)

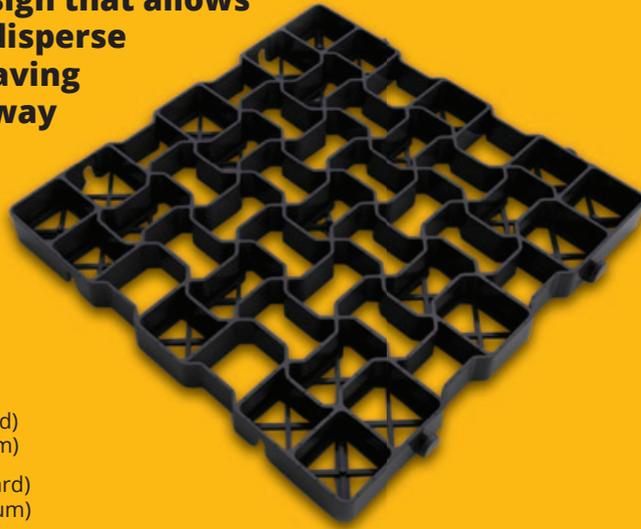
**Fire Rating:** UL 94 HB

#### APPLICATIONS:

EVENT FLOORING  
PITCH PROTECTION  
LARGE VEHICLE ACCESS



With a cellular grid design that allows rain or flood water to disperse quickly, the GeoGrid paving system is the durable way to reinforce grass or gravel parking areas.



- Overall Size:** 495 x 495 x 40mm
- Weight:** 1.1kg (Standard)  
1.6kg (Premium)
- Point Load:** 25 Tonnes (Standard)  
35 Tonnes (Premium)
- Compression Rating:** 350 Tonnes (Standard)  
500 Tonnes (Premium)



Quick and easy to install with simple interlocking design

Durable and lightweight

Compression tested up to 500 tonnes per sqm

Expansion and contraction capability avoids risk of surface deformation in hot or cold temperatures

Ideal for integration into Sustainable Urban Drainage Systems (SUDS)

Made from 100% recycled polyethylene

Available in Premium or Standard options



### Your first layer of surface protection.

Underlay mats to use beneath temporary trackways such as MultiTrack and MaxiTrack, for protecting paved or Macadam surfaces.

Super-tough microcellular foam mats

Lightweight

Protect sensitive surfaces

Cushion loadings

Use with all Ground-Guards trackway systems

Easy and quick to install

**Overall size:**

1800 x 1200 x 20mm

**Weight:**

8kg



# GroundGuards®



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