

**Ground-Guards<sup>®</sup>**

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**+44 (0) 113 267 6000**

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# Ground-Guards®

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.

## HOW TO CHOOSE THE RIGHT MAT FOR YOUR NEEDS

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

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.

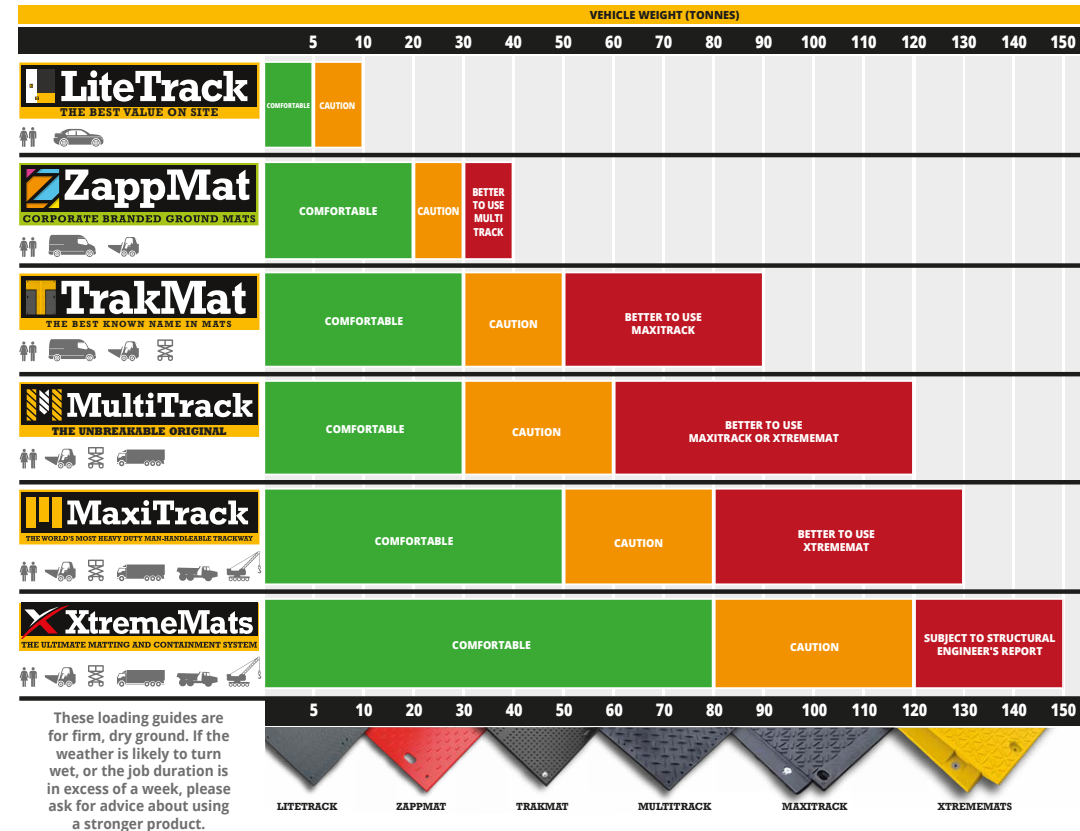
Therefore, the comfortable loading range for any mat system is usually around  $\frac{1}{3}$  or  $\frac{1}{2}$  of its maximum rating.

You also need to consider that the longer the job 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.**

## PRODUCT COMPARISON CHART



# MultiTrack

THE UNBREAKABLE ORIGINAL



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

**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).



VEHICLE WEIGHT (TONNES)															
5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
COMFORTABLE				CAUTION				BETTER TO USE MAXITRACK OR XTREMEMAT							

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# MaxiTrack®

THE WORLD'S MOST HEAVY DUTY MAN-HANDLEABLE TRACKWAY



### 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.

WATCH THE VIDEO



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 CBR11% :** 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

VEHICLE WEIGHT (TONNES)

5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
COMFORTABLE						CAUTION			BETTER TO USE XTREMEMAT						

USAGE GUIDE



# LiteTrack

THE BEST VALUE ON SITE



# BudgetMat

A LOW COST, REUSABLE ALTERNATIVE TO PLY!



**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**

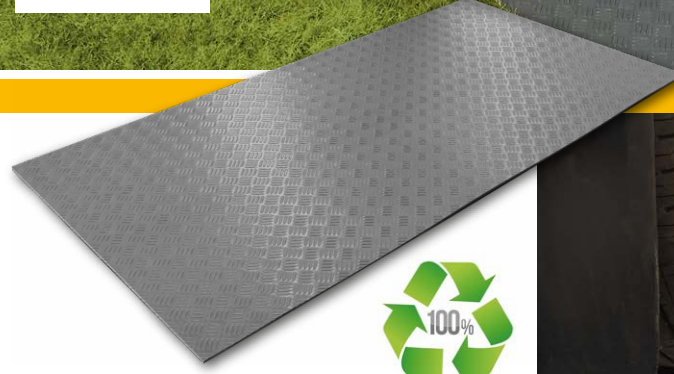
Multiple holes provide various joining options for additional strength.

**ENVIRONMENTALLY FRIENDLY**

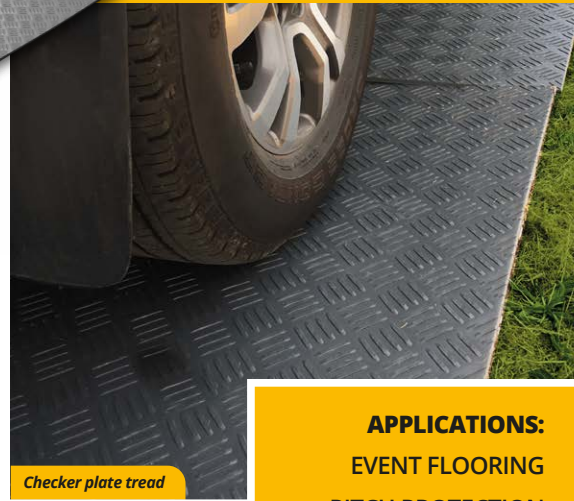
Made from 100% recycled LDPE plastic.



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



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



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

VEHICLE WEIGHT (TONNES)

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COMFORT-ABLE	CAUTION														
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USAGE GUIDE



# FastCover

THE EASIEST, FASTEST FLOOR YOU'LL FIND

Senate



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

WATCH THE VIDEO 



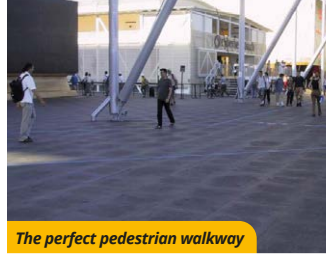

Ideal as a temporary construction site car park



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

- 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.

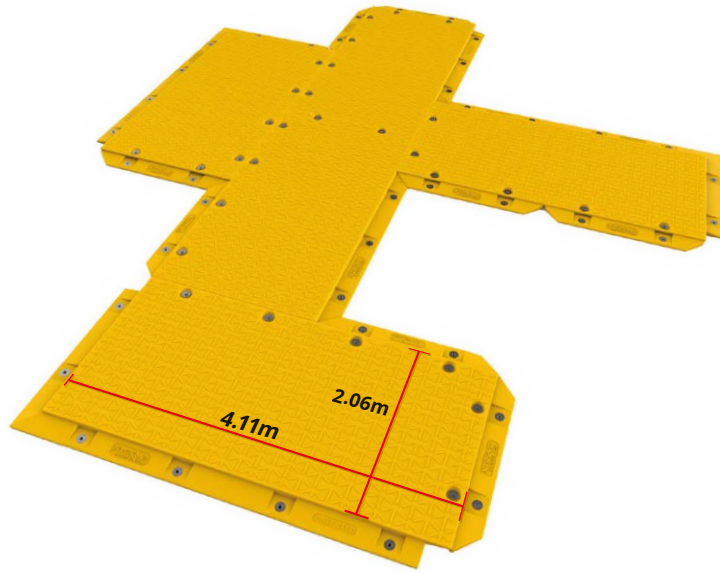


**XtremeMats**  
THE ULTIMATE HEAVY DUTY MATTING SYSTEM



# XtremeMats

THE ULTIMATE HEAVY DUTY MATTING SYSTEM



**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.

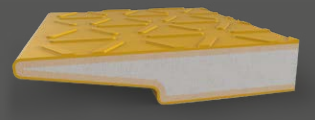
- Material:** HDPE plastic, fully recyclable
- Overall Size:** 4340 x 2290 x 100mm
- Surface Size:** 4110 x 2060mm
- Surface Area:** 8.46m<sup>2</sup>
- Weight:** 385kg
- Packed in:** 40 mats per 40' ISO container
- Connectors:** 6 self-aligning bolts
- Temperature Rating:** -34 °C to +49 °C
- Compressional 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

**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.

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

WATCH THE VIDEO



VEHICLE WEIGHT (TONNES)

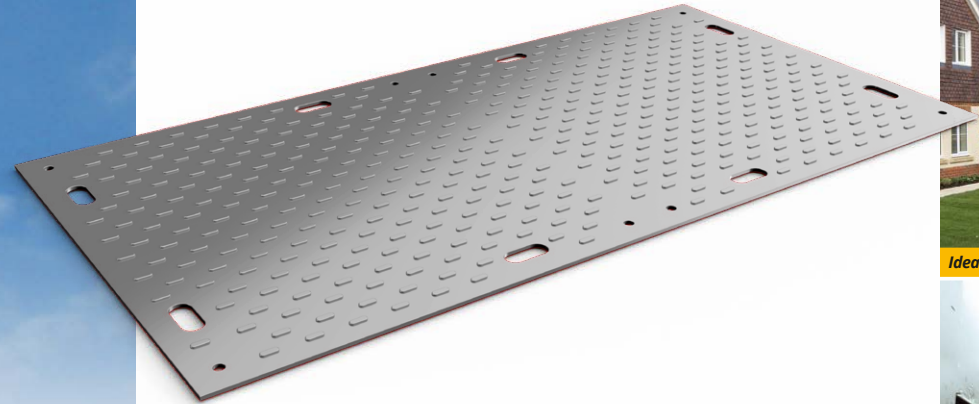
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COMFORTABLE									CAUTION			SUBJECT TO STRUCTURAL ENGINEER'S REPORT			
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### Make a bold statement with ZappMat!

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)

Ideal for housebuilding projects



Strong tread pattern



Multiple applications



Get your corporate colours noticed!

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

- 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

VISIT:



VEHICLE WEIGHT (TONNES)

5	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
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COMFORTABLE	CAUTION	BETTER TO USE MULTITRACK
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USAGE GUIDE





# TrenchGuard

SUPER-SAFE UTILITY TRENCH COVER SYSTEM



VISIT:

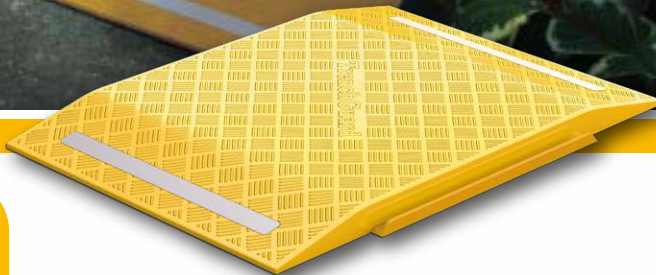



# TrenchPlate

HIGHWAY APPROVED COMPOSITE TRENCH COVERS



VISIT:



- 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

VISIT:



## 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.

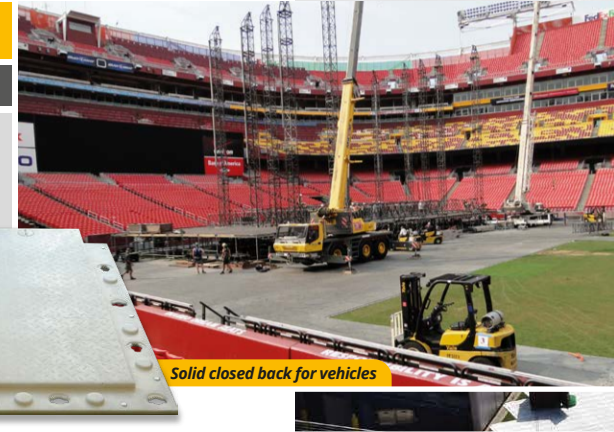
### MATRAX HD

#### 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



### MATRAX LD

#### FOR PEDESTRIAN ACCESS

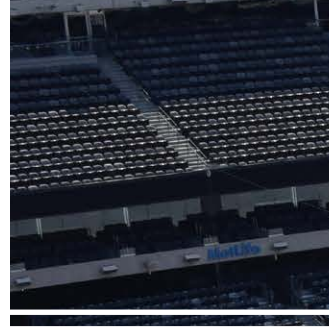
- Pedestrian friendly
- Open-back design to  
maximise turf health
- Strong but lightweight  
for easy handling
- Translucent with air  
holes allow additional  
light, oxygen and  
water drainage



Translucent open back for pedestrians



<b>Material:</b>	HDPE
<b>Overall size:</b>	1220 x 1200x 38mm
<b>Surface Area:</b>	1.25m <sup>2</sup>
<b>Weight:</b>	22.7kg (Matrax HD) 13.8kg (Matrax LD)
<b>Fire rating:</b>	UL 94 HB



**APPLICATIONS:**  
 EVENT FLOORING  
 PITCH PROTECTION  
 LARGE VEHICLE  
 ACCESS





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

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.

<b>Overall size:</b>	495 x 495 x 40mm
<b>Weight:</b>	1.1kg (Standard) 1.6kg (Premium)
<b>Point load:</b>	25 tonnes (Standard) 35 tonnes (Premium)
<b>Compression Rating:</b>	350 tonnes (Standard) 500 tonnes (Premium)



*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



*Ideal for protecting Macadam and paved surfaces*

<b>Overall size:</b>	1800 x 1200 x 20mm
<b>Weight:</b>	8kg

