FirstFence®
HIRE & SALES

Heavy Duty Ground Covers

Specification Sheet

SPC-TRENCH-006A



Call our Expert Sales Team for more information.

First Fence Ltd | Kiln Way, Woodville, South Derbyshire, DE11 8EA
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Versatile Ground Protection, Resilient Site Safety!

Engineered for ultimate resilience and site safety, our comprehensive range of heavy-duty ground covers is designed to provide instant, stable access across the most challenging and vulnerable terrains. From high-volume construction site entrances and deep excavations to pedestrian event walkways and boggy marshlands, these versatile matting systems protect the underlying ground while preventing deep rutting, machinery bog-downs, and hazardous mud transfer onto public highways.

Featuring extreme load-bearing capacities of up to 130 tonnes, specialised anti-slip and mud-scraping treads, and highly durable, reusable polymer constructions, this premium line of temporary ground protection ensures that both heavy plant machinery and pedestrian traffic can operate safely and efficiently in any environment.

Key Features

- Extreme Load-Bearing Capacities
  (Designed to support heavy plant machinery and high-volume traffic)
- Advanced Traction & Mud Management
  (Mud-scraping pyramids and anti-skid coatings ensure safe traction)
- High-Durability, Reusable Materials
  (Made from materials like HDPE and steel that resist UV rays, harsh weather & more)
- Versatile Terrain Adaptability
  (Capable of forming stable roadways & walkways over virtually any surface)
- Modular Interlocking Systems
  (Secure, customisable connection methods for rapid, flexible installation)



Suitable For

- Temporary Roadways & Access Routes
- Construction Site Entrances
- Trench and Excavation Covers
- Pedestrian Walkways & Event Flooring
- Boggy & Waterlogged Ground Access

Guide to Choosing Your Heavy Duty Ground Covers

IDENTIFY LOAD & TRAFFIC TYPE

Determine whether the covers will support pedestrians, standard vehicles, or heavy plant machinery.

Match this to the mat's capacity, which ranges from lightweight pedestrian use up to extreme 130-tonne limits for heavy construction equipment.

ASSESS TERRAIN & GROUNDCONDITIONS

Assess the specific environment where the mats will be laid. If you are operating over highly boggy ground or water, you will need a buoyant, foam-core mat.

If you are crossing open excavations or deep trenches, rigid steel plates are required to safely bridge the gap.

DETERMINE PRIMARY OPERATIONAL FUNCTION

Pinpoint the main problem you need to solve. If your goal is to stop vehicles from dragging site mud onto public highways, choose mats with aggressive, tyre-scraping pyramids.

For public events or foot traffic, prioritise smooth joins and fine anti-skid grips to eliminate trip hazards.

ASSESS INSTALLATION CAPABILITIES

Consider the equipment you have on-site for deployment. If you have access to forklifts or heavy lifting machinery, you can easily install heavy steel plates or large mud-scraping grids.

If you need to lay out a track quickly by hand, opt for lightweight polymer mats designed for a two-person manual installation.

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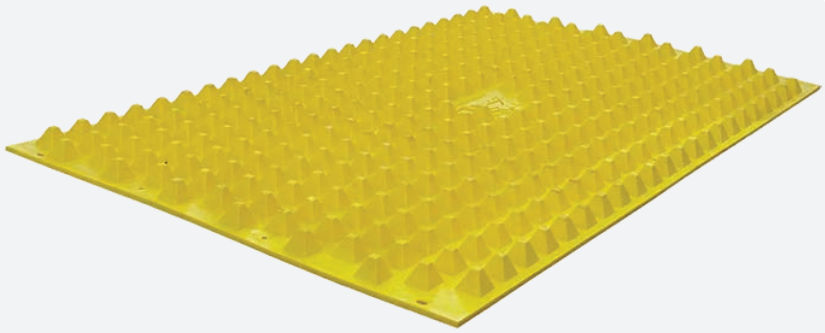
Technical Specification

PRODUCT	LENGTH	WIDTH	HEIGHT	MATERIAL	WEIGHT	COLOUR
MudStopper Mat	2134mm	3658mm	66mm	High Molecular Weight Polyethylene (HMWPE)	195kg	Yellow
XtremeMat	4340mm	2290mm	100mm	HDPE Plastic	385kg	Yellow
MultiTrack	2435mm	1215mm	13mm (Plus Treads)	100% Recycled Plastic	39kg	Grey
MaxiTrack	1900mm	1000mm	23mm	Zetralene (HDPE)	40kg	Grey
EnduraMat Ground Matting	2440mm	1220mm	12mm	32kg	HDPE	Grey

MudStopper Mat

- Mud-Scraping Pyramids: Surface pyramids deform vehicle tyres to efficiently scrape, clean, and wipe away mud before it reaches public roads.
- High Load Capacity: Safely supports heavy vehicle weights up to 80 tonnes, with each individual pyramid crush-rated for over 9 tonnes.
- Durable Material: Constructed from 100% recyclable High Molecular Weight Polyethylene that is highly resistant to acids, oils, and brake fluid.
- Rapid Installation: The 3.6m x 2.1m mats create an instant construction surface that requires no excavation and secures quickly with soil anchors.





The mat's pyramid-shaped surface flexes vehicle tires to scrape out trapped mud and dirt, ensuring tyres are completely clean before they reach public roads.

Supports weights up to 80 tonnes.

Can handle nearly limitless weight

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XtremeMat

- Buoyant Foam Core: Features a tough HDPE outer layer and a hard foam inner core, allowing it to provide support on boggy ground or even float on water.
- High Load Capacity: The large 4m x 2m mats can offer weight loading up to 400 tonnes.
- Flexible Connection System: Utilises overlapping flange joints and Mega-Thread bolts to connect in any direction, offering ultimate flexibility for complex site layouts.
- Enhanced Trackway Strength: The mats can be half-overlapped during installation to significantly increase the overall strength and stability of the access road.



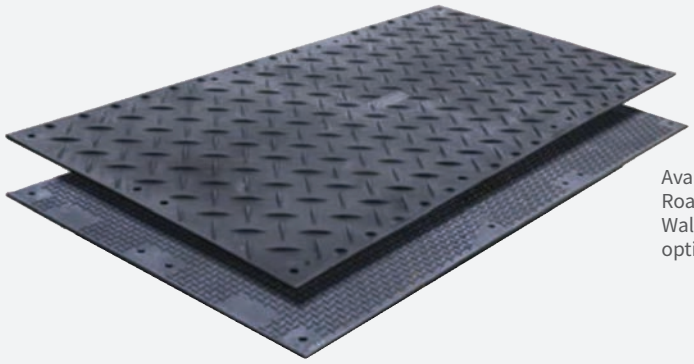


XtremeMats have an ultra-tough outer layer and a hard foam inner core for strength and buoyancy

Built for the harshest locations

MultiTrack

- High Strength-to-Weight Ratio: Despite weighing just 39kg for easy two-person manual installation, they can safely support heavy loads up to 120 tonnes.
- Customisable Tread Patterns: Available in both roadway and walkway textures to provide optimal traction for either vehicles or pedestrians.
- Enhanced Safety Features: Made from slip-tested HDPE polymer with smooth joins and a visible finish to significantly reduce trip and slip hazards.
- Simple Interlocking System: Secures quickly using standard single and double connectors, requiring no heavy machinery for assembly.



Available in a Roadway or Walkway tread option



MultiTrack mats are easy to install by hand using our standard connector packs, which include 2 single and 3 double connectors.

Move the mats quickly and safely with the HandiHook.

These are available separately.



Roadway or Walkway option

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MaxiTrack

- Trench & Excavation Bridging: Specifically designed to provide a safe, protective crossing over open trenches and hazardous excavation sites.
- Extreme Load Capacity: Built to comfortably support up to a massive 130 tonnes of heavy traffic at a time.
- Specialist Anti-Skid Coating: Features a durable Chinese bauxite coating to prevent skidding and ensure maximum safety for both pedestrians and motorists.
- Heavy-Duty Installation: These robust road plates are extremely heavy and require specialised machinery to lift and install on-site.





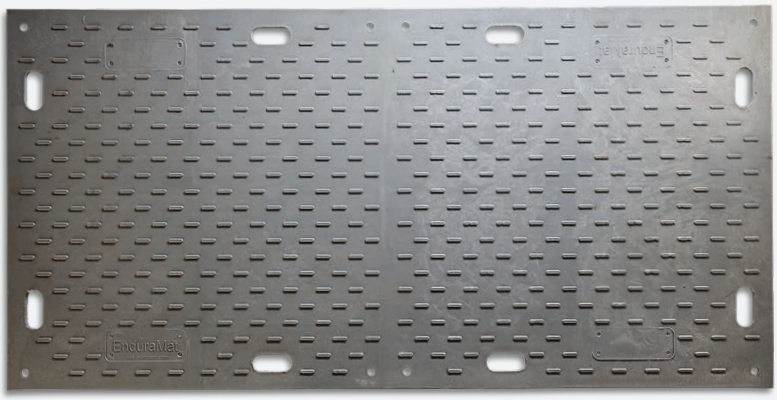
The MaxiTrack can comfortably hold 130 tonnes. These ground covers are very heavy and need machine-lift installation.

Fixing bolts are available separately.

Anti-Skid Coating of Chinese Bauxite

EnduraMat Ground Matting

- Dual Surface Grips: Features large grips to support heavy vehicles on temporary roadways, as well as smaller grips for safe, trip-free pedestrian walkways at events.
- Effective Ground Protection: Prevents surface damage and minimises mud at work sites and temporary car parks by providing a highly durable barrier between traffic and the soil.
- Easy Handling and Cleaning: Designed with integrated handholds and inline patterns, making the mats highly manoeuvrable and simple to wash down after a project.
- Rapid Installation Speed: Fast and simple to lay down on-site, allowing you to install approximately 50 square metres of matting in just 15 minutes.



Heavy duty ground protection mat suitable for work sites, events and temporary access. Suitable for vehicles up to 80 tonnes. Fasten together with Metal Couplers.



Metal Coupler - 2 Way



Metal Coupler - 4 Way

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