

# Ground Protection & Ground Stabilization

Trusted



# TuffTrak® Ground Protection



TuffTrak® is the market leader in temporary access roads and ground protection solutions. We are committed to making quality products and delivering the highest levels of performance, quality and value.

As part of our commitment to providing quality and performance, we play an active role in ensuring that our customers get the best out of our products. Our success is built on listening to and responding to our customers' specific requirements and problems, as we strive to provide them with cost effective and an innovative solution. We understand that safety is paramount, speed of deployment is critical, and durability standards need to meet the toughest and most extreme working environments. We take the time to fully understand our customers' unique and specific project requirements considering ground and weather conditions as well as the range of vehicles, construction site or plant and personnel involved in their project.

## Why Ground Protection Mats?

Ground conditions play a significant role in field operations and projects that need access to remote sites. Wet, muddy or uneven ground conditions can cause projects

to be delayed or even halted. This can lead to significant commercial loss such as unrecoverable management time, loss of reputation and effect on future workloads. Unstable ground conditions are also frequent cause of minor incidents and near misses on sites. Even worse, complete failure of the ground has caused serious injuries and fatalities.

Trackway panels get heavy equipment safely through mud, sand, snow and swampland conditions by creating temporary access roads and working platforms. Access to and from remote sites and a stable work area are a critical safety solution in the oil & gas, drilling, transmission, renewable energy, utilities, civil engineering, infrastructure, and construction industries.

Ground protection mats also prevent environmental damage to agricultural land, heritage sites or sensitive eco systems and cross contamination between sites.

Ground protection mats can also be used for stadiums, events, golf courses, landscaping, tree care, cemeteries; wherever saving the costs of remedial ground restoration is a factor. The ground protection mats are then used to create temporary access roads, parking lots, or walkways providing safe pedestrian and access routes for the duration of an event while virtually eliminating severe rutting or damage to ground and landscaping and can ensure that vehicles, machinery and people can move freely on projects without becoming stuck in the mud or damaging sensitive ground, natural grass or turf.

Turf protection panels and mats were specifically developed for applications that demand precautions be used to avoid the burning and/or brown-out effects of heat caused by sun and high heat work environment. Some specific applications will be found in the turf and landscape markets such as golf courses, irrigation, and pool installers as well as for events and in stadiums.

TuffTrak® ground protection mats are the popular choice among professionals. They are easy to use, quick to deploy, lock into place to form a continuous, solid, safe and durable roadway or working platform. They are unequalled for quality and performance even under the most hazardous conditions.

## Ground Protection Mats

TuffTrak® has a full range of market leading heavy duty composite ground protection mats delivering a safer working environment for temporary access roadways, trackways, and working platforms. Our heavy duty mats are capable of supporting heavy loads in excess of 600 psi\* and are highly resilient even in the most extreme weather and ground conditions. With our diverse range of heavy duty mats, TuffTrak® is able to provide you with a heavy duty ground protection solution for any application.

# Medium Duty Temporary Access Matting **AlturMat®**



## AlternaMat®

AlternaMat® is a high load capacity mat boasting an aggressive diamond plate tread design and a high load capacity ideal for use over soft or sensitive ground conditions in the construction, civil engineering, ground work, and events industries.

These rugged mats are made of 1.27cm thick polyethylene making them virtually indestructible. AlternaMat® can withstand loads of up to 120 tons\*, and its flexible construction means that these mats will follow the contours of the ground to deliver a highly effective access solution over undulating or sloping ground conditions.

Weighing just 39 kg at its maximum size and just 9.75 kg at its smallest, AlternaMat® can be easily deployed and manoeuvred by a two-person team with the added convenience of strategically positioned hand holes.

AlternaMat® can be connected together using Turn-A-Links or EZ Link connectors to create a secure trackway or workpad.

### Recommended use:

Medium duty as temporary roadways, pedestrian pathways, work areas for plant and machinery, drilling rigs, depot or storage areas.

### Specifications:

- 100% recycled high density polyethylene
- Diamond cleat tread surface providing impressive grip
- Hand holes for easy manoeuvrability
- Lightweight and can easily be moved by a two person team
- Various connector options available to suit different ground conditions 4 connection points at each corner of the mat

### Colours:

- Black

### Stock sizes:

- 244 cm x 122 cm

### Accessories:

- 2-way or 4-way connectors



| Art. Nr.   | Description         | Sizes               | Load Capacity | Weight |
|------------|---------------------|---------------------|---------------|--------|
| TTMSAM01BL | AlternaMat® - Black | 1220 x 2440 x 18 mm | 120           | 39 kg  |

# Medium Duty Ground Protection Matting **EuroMat®**

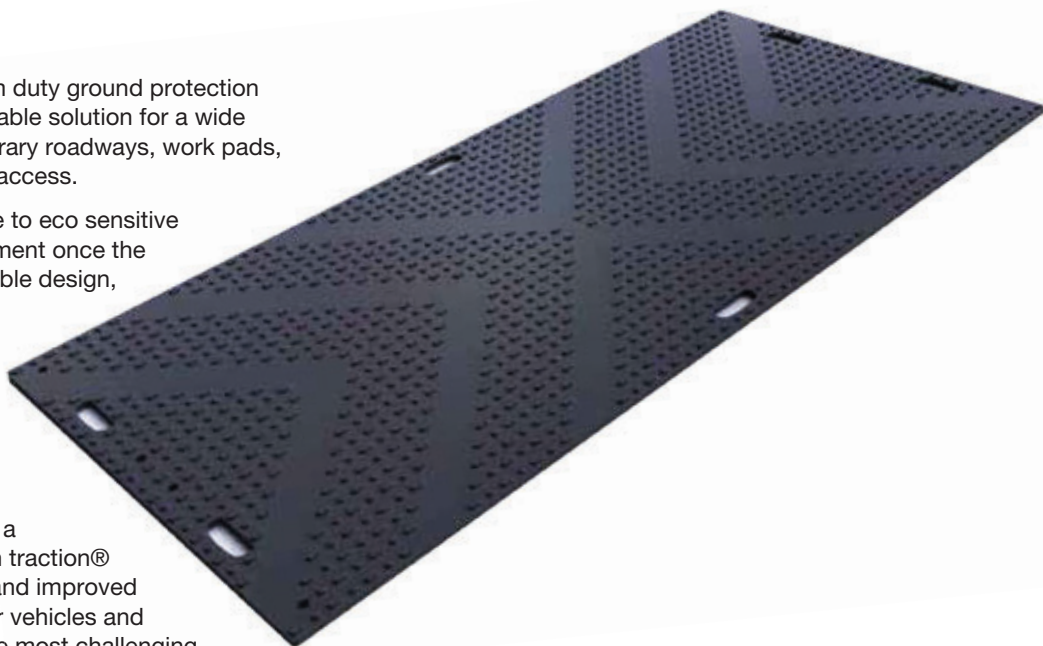


## EuroMat®

EuroMat® is a market leading medium duty ground protection mat designed as an ideal man-handleable solution for a wide range of applications including temporary roadways, work pads, depot storage areas or as pedestrian access.

EuroMat significantly reduces damage to eco sensitive areas, avoiding the need for reinstatement once the project is complete. Thanks to its flexible design, EuroMat is able to follow the contours of undulating or sloping ground conditions.

Light in weight at just 35 kg, EuroMat has strategically positioned hand holes for ease of use when handling. EuroMat is fast and easy to offload and install, easily deployed by a two-person team. The unique chevron traction® surface design delivers superior grip and improved forward motion of heavy equipment or vehicles and reduces side way slippage, even in the most challenging weather or ground conditions.



### Recommended use:

- Medium duty - as temporary roadways, pedestrian pathways, work areas for plant and machinery, drilling rigs, depot or storage areas.

### Specifications:

- 100% recycled high density polyethylene (HDPE)
- Load bearing capacity up to 120 tonnes\*
- Unique chevron traction® surface for maximum grip
- Low profile surface option for pedestrian walkways and outdoor events
- Easily carried and placed by two people thanks to its lightweight design
- Hand holes for ease of handling – Fast and easy to install
- Moulds to uneven or undulating ground conditions due to its flexible design

### Colours:

- Black
- Grey

### Sizes:

- 1200 x 2410 x 12 mm
- 600 x 2410 x 12 mm

### Accessories:

- 2-way or 4-way connectors
- FastFit connector
- Metal plate
- Assembly bolts
- Stillage

| Art. Nr.   | Description               | Sizes               | Load Capacity | Weight  |
|------------|---------------------------|---------------------|---------------|---------|
| TTMSEM03BL | EuroMat® Ped/Chev         | 1200 x 2410 x 12 mm | 120           | 35 kg   |
| TTMSEM03CV | EuroMat® Chev/Chev        | 1200 x 2410 x 12 mm | 120           | 35 kg   |
| TTMSEM03S1 | EuroMat® Smooth One Side* | 1200 x 2410 x 12 mm | 80            | 35 kg   |
| TTMSEM03GY | EuroMat® Virgin Natural*  | 1200 x 2410 x 12 mm | 80            | 35 kg   |
| TTMSEM07BL | EuroMat® Half track*      | 600 x 2410 x 12 mm  | 120           | 17.5 kg |

\*standard core + tread = 20 mm

# Heavy Duty Ground Protection Matting **TuffTrak® XT**



## TuffTrak® XT

TuffTrak® XT is an extreme heavy duty road mat specifically designed for the most challenging ground conditions.

The mat features the rugged chevron traction® nub surface that ensures optimal grip in even the most adverse ground conditions. With a 600 psi\* compressive load capacity, this extreme temporary ground protection solution can withstand all weather and ground conditions including wetlands, marshlands, peat bogs, and river deltas.

The TuffTrak® XT can be installed quickly and efficiently with our Four3™ camlock connector using a minimum of 2 or up to 16 connection points. The combination of the Four3™ camlock and the overlap connectors lock adjacent mats firmly together creating a monolithic working platform delivering superior strength. This semi-barrier keeps dirt and grime below the surface for a clean and secure working platform.

The special format of these connection points creates the opportunity for the positional adjustment of mats allowing various configurations.

### Recommended use:

- Heavy duty - For use as roadways for heavy traffic, work areas for plant and machinery, pedestrian walkways, drilling rigs, depot or storage areas.

### Specifications:

- High molecular weight polyethylene
- Usable surface area 6.84 m<sup>2</sup>
- Chevron traction® surface design
- 200 mm overlap on all sides
- 50 mats per truck / per container
- Pure compressive load capacity 600 psi\*
- Available in an anti-stat version



### Stock sizes:

- 400 cm x 200 cm x 9 cm

### Colours:

- Black
- Sand

### Accessories:

- Camlock connector
- Camlock connector locking tool
- Ramps

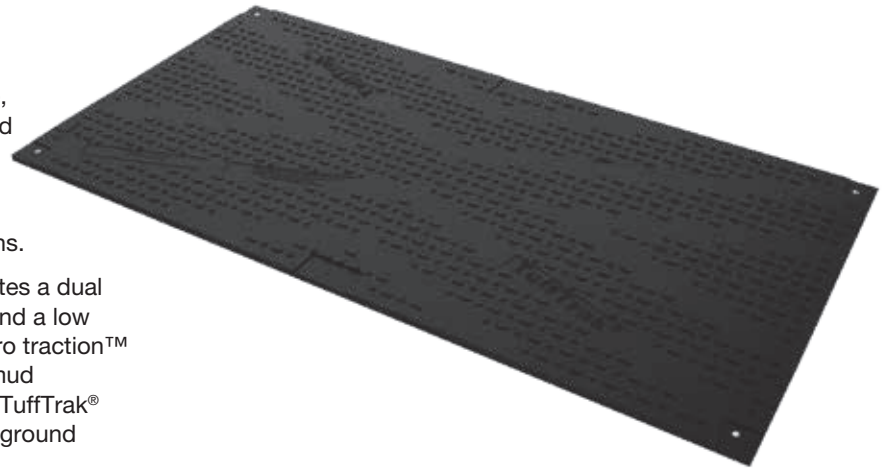
| Art. Nr.   | Length                            | Width               | T/m <sup>2</sup> | Weight |
|------------|-----------------------------------|---------------------|------------------|--------|
| TTMSXTASML | TuffTrak XT® With Anti Stat Sand  | 2000 x 4000 x 94 mm | 415              | 350 kg |
| TTMSXTASBL | TuffTrak XT® With Anti Stat Black | 2000 x 4000 x 94 mm | 415              | 350 kg |
| TTMSXT10ML | TuffTrak XT® Sand                 | 2000 x 4000 x 94 mm | 415              | 350 kg |
| TTMSXTPRBL | TuffTrak XT® Black                | 2000 x 4000 x 94 mm | 415              | 350 kg |

# Heavy Duty Ground Protection Matting **TuffTrak® XL**



## TuffTrak® XL

TuffTrak® XL one of the largest in the TuffTrak® range, designed as an extra wide roadway, it's manufactured as a solid one piece 4092 mm long composite mat to provide superior support for loads of up to 150 tons\* making TuffTrak® XL the market leader in solid composite heavy duty temporary and access solutions.



Designed with safety in mind, TuffTrak® XL incorporates a dual grip design featuring our chevron traction® surface, and a low profile surface on the reverse both incorporating micro traction™ to further increase grip. This substantially improves mud dispersal and forward motion of vehicles making the TuffTrak® XL ideal for use in the most challenging weather and ground conditions.

### Recommended use:

- Heavy duty - For use as roadways for heavy traffic, work areas for plant and machinery, pedestrian walkways, drilling rigs, depot or storage areas.

### Specifications:

- High molecular weight polyethylene
- Usable surface area 8m<sup>2</sup>
- Chevron traction® surface design
- Pure compressive load capacity 150 tons\*
- 50 mats per truck / per container

### Stock sizes:

- 409 cm x 204 cm x 4.7 cm

### Colours:

- Black
- White

### Accessories:

- Spring steel connector
- T20 bolt hex head
- Standard mild steel connector
- Corner repair kit

| Art. Nr.   | Length              | Width              | Load Capacity | Weight |
|------------|---------------------|--------------------|---------------|--------|
| TTMSXL05BL | TuffTrak XL® Black  | 203 x 409cm x 47mm | 200           | 360 kg |
| TTMSXL05WH | TuffTrak XL® Virgin | 203 x 409cm x 47mm | 200           | 360 kg |

# Heavy Duty Ground Protection Matting **TuffTrak® ST**



## TuffTrak® ST

TuffTrak® ST is the ultimate standard heavy duty road mat ideal for use as temporary roadways, work areas for heavy plant and machinery, drilling rigs, depot or storage areas.

Incorporating a dual grip design featuring our chevron traction® surface, and a low profile surface on the reverse both incorporating micro traction™ to further increase grip. This substantially improves mud dispersal and forward motion of vehicles. TuffTrak® ST's low profile surface reduces the risks of slips, trips, and falls.

TuffTrak® ST has a range of connector options available for use with different ground conditions and projects, with 4 connector points at each corner allows mats to be seamlessly connected together.

### Recommended use:

- Heavy duty - For use as roadways for heavy traffic, work areas for plant and machinery, pedestrian walkways, drilling rigs, depot or storage areas.

### Specifications:

- High density or ultra high molecular weight polyethylene
- Usable surface area 7.5m<sup>2</sup>
- Chevron traction® surface design
- Pure compressive load capacity 150 tons\*
- 80 mats per truck / per container

### Stock sizes:

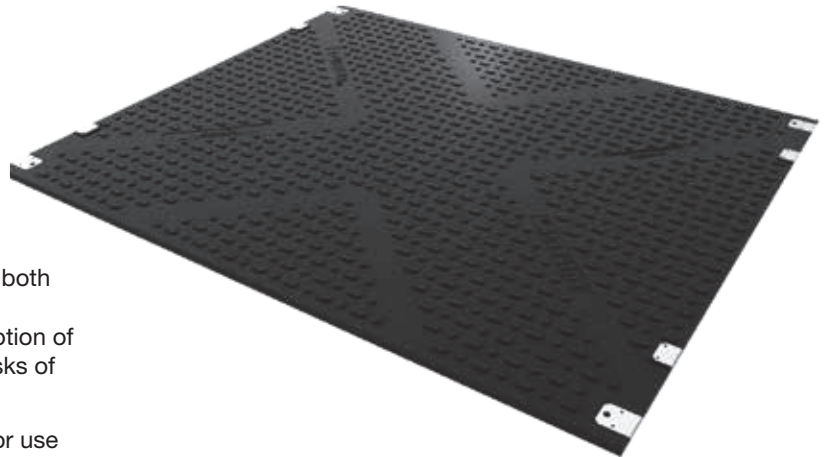
- 301cm x 251cm x 3.8cm

### Colours:

- Black
- White

### Accessories:

- Spring steel connector
- Steel connector



| Art. Nr.   | Length                  | Width               | Load Capacity | Weight             |
|------------|-------------------------|---------------------|---------------|--------------------|
| TTMSST01BL | TuffTrak® PE1000 Black  | 2500 x 3000 x 38 mm | 200           | 295 kg (650.4 lbs) |
| TTMSST05BL | TuffTrak® PE500 Black   | 2500 x 3000 x 38 mm | 150           | 295 kg (650.4 lbs) |
| TTMSST03BL | TuffTrak® PE300 Black   | 2500 x 3000 x 38 mm | 150           | 295 kg (650.4 lbs) |
| TTMSST01WH | TuffTrak® PE1000 Virgin | 2500 x 3000 x 38 mm | 150           | 0.5 kg (1.1 lbs)   |