ISOTRACK
PROTECT – BE SAFE

TEMPORARY ACCESS AND GROUND PROTECTION MAT



MEMBER OF Construction INDUSTRIES

ISOKON
INNOVATIVE PLASTICS SOLUTIONS

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ABOUT ISOKON

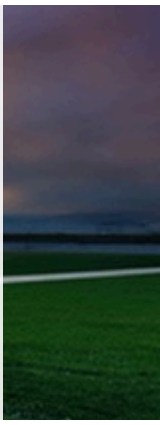
We have factory plant and equipment that has been dedicated to making premium quality temporary road access mats since 2009.
Our own technical R&D team works in partnership with independent institutions to provide design innovation and robust testing to ensure mat performance and durability.

CERTIFIED
ISO 9001
ISO 14001
ISO 45001

BUREAU VERITAS







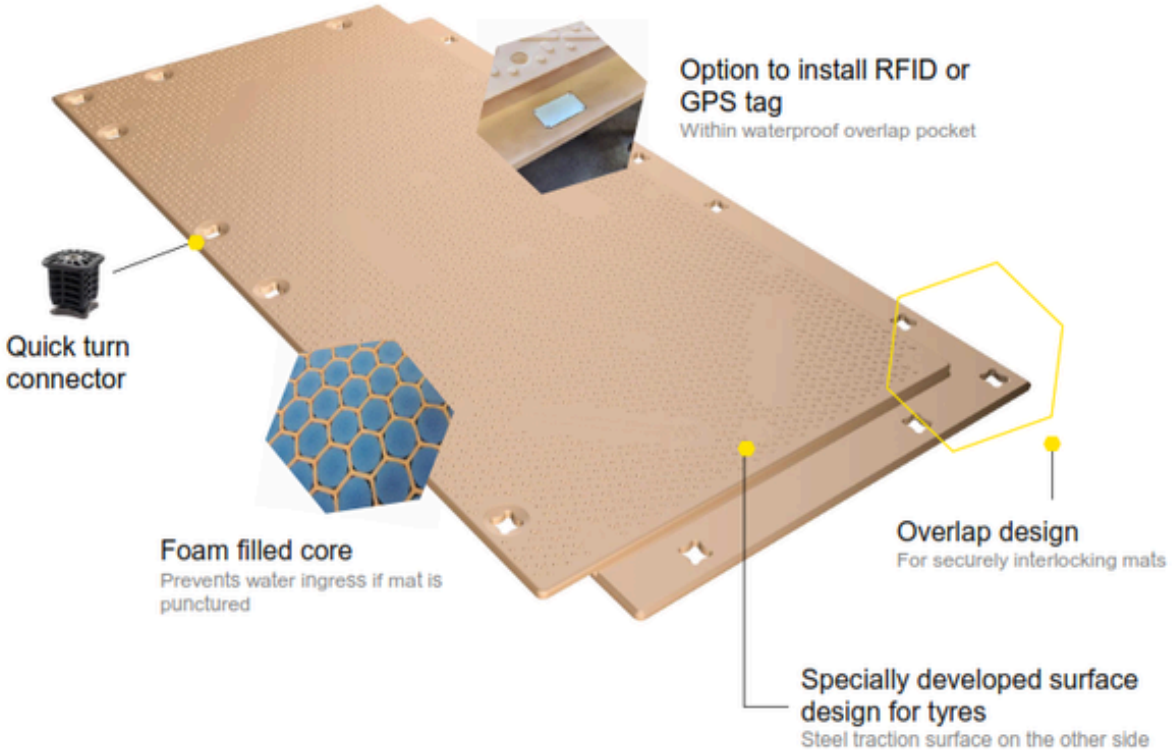
HEAVY DUTY TEMPORARY ACCESS AND GROUND PROTECTION MAT

For safe, temporary access across soft ground and in extreme conditions, Isotrack X series is the ultimate extreme heavy duty road mat.



ISOTRACK X
PROTECT - BE SAFE

- Compression moulded high performance thermoplastic material
- Robust, durable, high-performance mat
- Overlap design for interlocking mats to make roadways, work pads, parking and turning areas
- Fast Four3 connector pin system
- Cellular core construction provides good mat rigidity and load distribution
- Stability and support for vehicles and equipment across a wide range of ground conditions
- Reduce dust pollution on dry soils
- Protect sensitive habitats
- Customer logo option
- Long life and recyclable at end of life
- Accessories include turning pieces and on/off ramp



General Information			
Overall Dimensions	4000 x 2000 mm	Connection	Four3 Connector
Thickness	Total 102 mm, Core 94 mm	Safety	Surface structure designs provide excellent traction for vehicles
Overlap	200 mm	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Usable Surface Area	1.8 m x 3.8 m = 6.84 m²	Recycling	100% recyclable
Weight	360 kg	Fire Rating	UL 94HB
Material	Virgin HDPE	AST additive	Tested according to DIN standard IEC En 62631-3-2:2016
Colour	Sand (standard), other colours subject to minimum order quantity	RFID or GPS tags	Option to install your tag of choice within weather proof pocket
Transport	Standard 40' High Cube container: 54 mats / 52 mats + connectors, Mega Truck EU: 60 mats	Load bearing capacity	In excess of 200t*
Handling and Installation	Easily handled and installed using different types of equipment	Compressive load capacity	Can withstand 415 t/m² (605 psi) without deformation or breakage

*Load bearing capacity is dependent on the ground conditions

KEY BENEFITS

- Outstanding compressive strength - more than 415 tonnes/m^2 reaching max force 730 tonnes/m^2
- Each mat has two different traction surfaces - for tyres and steel tracks
- Market leading surface Isotraction design for safe vehicle operation
- Foam filled core prevents water ingress if mat is punctured (no cross contamination and no additional weight)



SAFETY AND PERFORMANCE

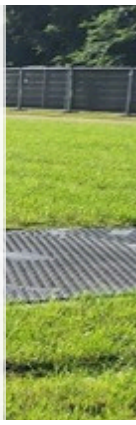
Engineered for performance and strength, the interlocking overlap mats distribute weight across a large surface area while remaining stable and strong through all operating conditions. The Isotraction surface tread improves traction and safety for load-bearing vehicles, while the patented Four3 connection system reduces mat drift and slippage. The mats provide years of reusable performance with proper use and maintenance.

APPLICATIONS-MAIN SECTORS

- Construction and civil engineering Utilities
- Oil and gas
- Petrochemical
- Transmission
- Windfarms / renewable energy projects
- Drilling contractors
- Pipelines
- Quarries and mining
- Commercial timber and woodland operations Events
- Any project requiring safe temporary access and work areas for heavy vehicles and equipment







HEAVY DUTY TEMPORARY ACCESS AND GROUND PROTECTION MAT

Isotrack H series heavy duty road mats provide safe, temporary access work areas and protection over soft ground conditions and hard surfaces. Wide range of project applications. Easy to install.



TYPES OF H SERIES



ISOTRACK H STANDARD

3000 x 2500 mm, 295 kg



ISOTRACK H OVERLAP

3000 x 2500 mm, 265 kg



ISOTRACK M

1906 x 1000 mm, 43 kg



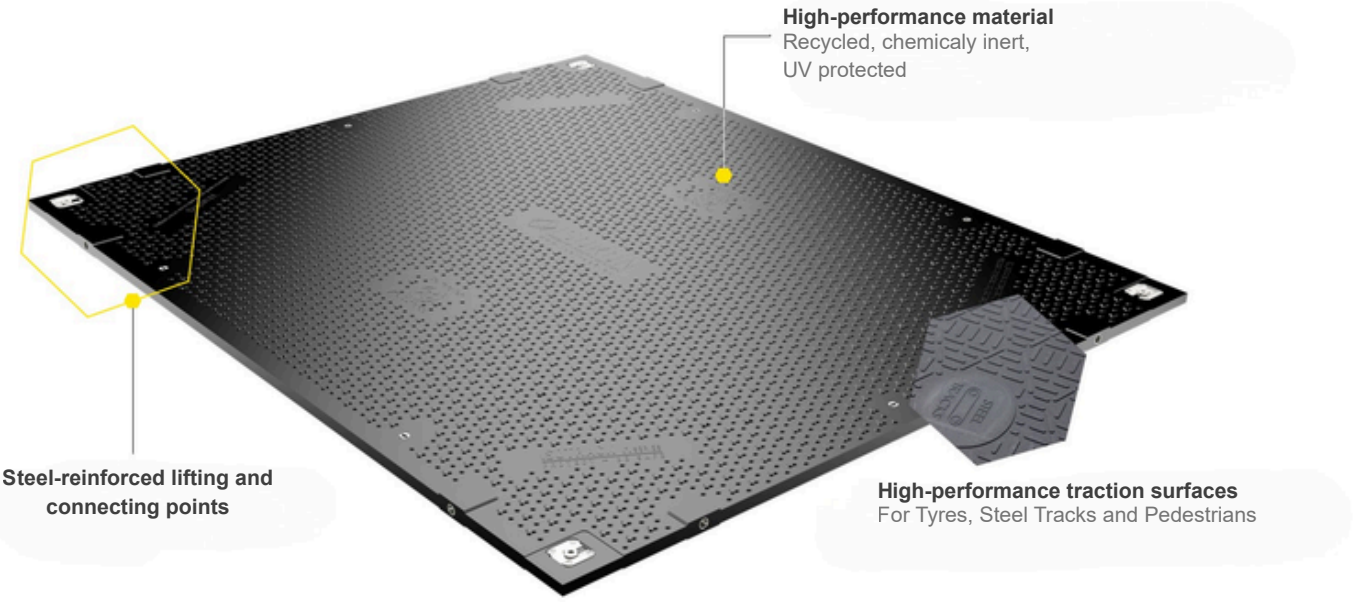
ISOTRACK tMAT

3000 x 2000 mm, 235 kg

ISOTRACK H STANDARD

PROTECT - BE SAFE

- One piece compression-moulded, high-performance recycled thermoplastic material resistant to chemicals and oil and is UV protected
- Each mat has two different, excellent traction surfaces for safe movement of vehicles in dry or wet conditions.
- One surface has the market leading Isotraction design for safe vehicle operation and the second surface is designed for steel tracked equipment operation.
- Steel-reinforced lifting points.
- Unique Exchangeable nut Metal Connectors



General Information			
Overall Dimensions	3000 x 2500 mm	Handling and Installation	Mat incorporates lifting points - can use lifting hooks, slings, eye bolts, forklifts or vacuum lifting equipment
Thickness	Total 46 mm, Core 38 mm	Connection	Using standard M16 bolts with steel of flexible straps, steel reinforced connection points
Usable Surface Area	3 m x 2.5 m = 7.5 m²	Safety	Surface structure designs provide excellent traction for vehicles
Weight	295 kg	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Material	Recycled HDPE	Recycling	100% recyclable
Colour	Black (standards), other colours optional subject to minimum order quantity	Fire Rating	UL 94HB
Transport	40' High Cube open top container up to 75 mats, Euroliner Truck (clear loading width 2.5m) up to 75 mats*	Load bearing capacity	Ideal for supporting vehicles and equipment up to 150 tones**

*Euroliner (curtainsider) trailer with sliding posts/no rigid side walls; clear loading width 2.5 m
**Load bearing capacity is dependent on the ground conditions

KEY BENEFITS

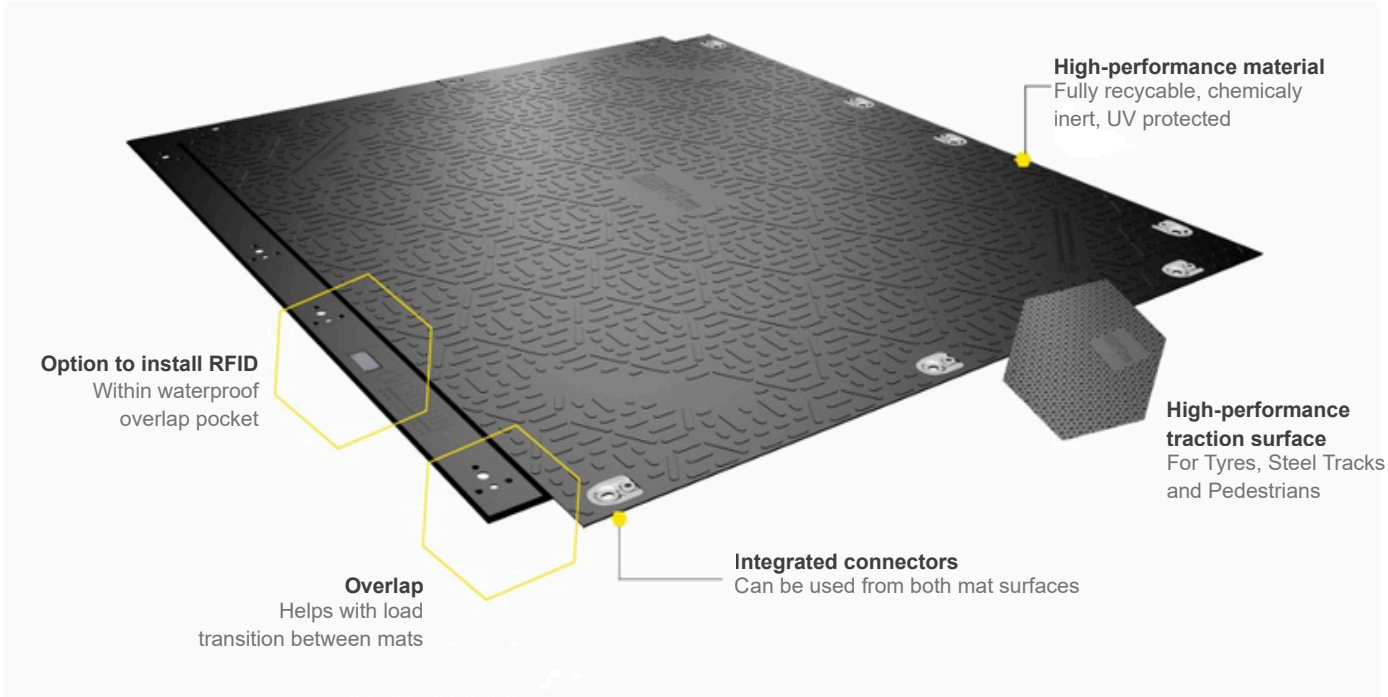
- Fast and easy to install using standard M16 bolts Install roadways, working pads, parking and turning areas
- Safe movement and access for vehicles, equipment and people
- Mats gently flex with ground contours – no ground preparation required
- Prevent severe rutting and damage – protect sensitive habitats and avoid ground reinstatement costs
- Prevent vehicles and equipment from getting bogged down - keep your project running and avoid delays
- Flexible but tough and durable mat for long life use
- Customer logo option
- Low theft risk compared to aluminium and steel mats
- Long life and 100% recyclable at end of life



ISOTRACK H OVERLAP

PROTECT - BE SAFE

- Heavy duty application
- Overlap system ensures good load transfer across mats
- Reversible mat each side having a different traction surface
- Both brickwork (offset) and orthogonal assembly options possible
- Unique Exchangeable nut Metal Connectors
- All metal parts are recessed below useful surface
- Integrated connectors can be used from either side using standard M16 bolts



General Information			
Overall Dimensions	3000 x 2500 mm	Handling and Installation	Vacuum lifting equipment recommended, Forklift
Thickness	Total 46 mm, Core 38 mm	Connection	Standard M16 bolts, Metal Connectors are integrated in the plate
Overlap	150 mm	Safety	Surface structure designs provide excellent traction for vehicles
Usable Surface Area	2.85 m x 2.35 m = 6.7 m²	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Weight	265 kg	Recycling	100% recyclable
Material	Recycled HDPE	Fire Rating	UL 94HB
Colour	Black (standard), other colours optional subject to minimum order quantity	RFID or GPS tags	Option to install your tag of choice within weather proof pocket
Transport	40' High Cube Open top container up to 75 mats, Euroliner Truck (clear loading width 2.5m) up to 84 mats*	Load bearing capacity	Ideal for supporting vehicles and equipment up to 150 tonnes**

*Euroliner (curtainsider) trailer with sliding posts/no rigid side walls; clear loading width 2.5m
**Load bearing capacity is dependent on the ground conditions

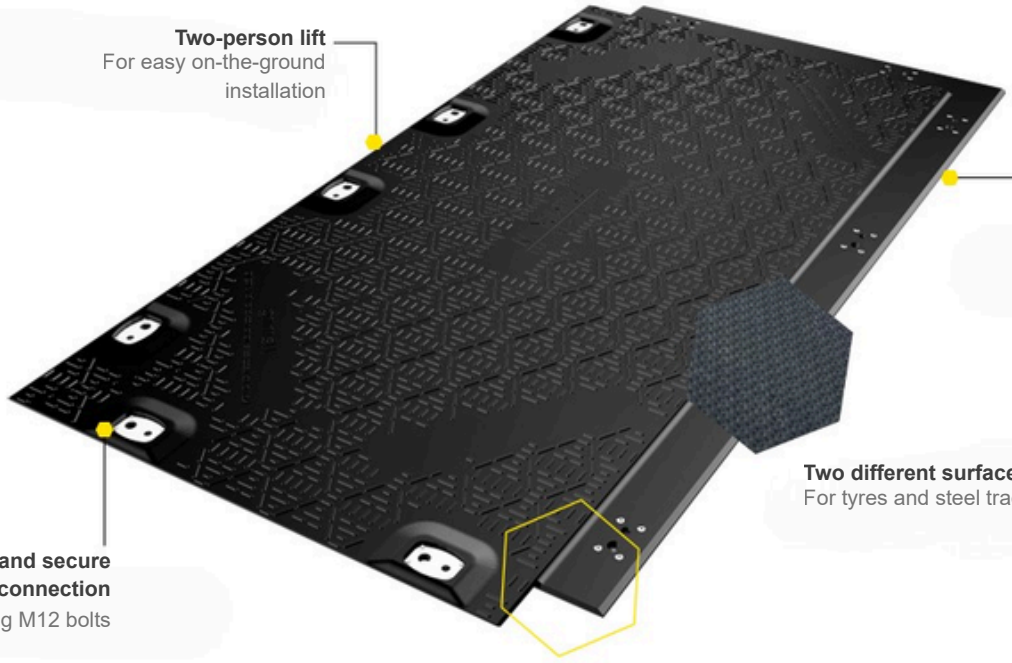
KEY BENEFITS

- One piece compression-moulded, high-performance recycled thermoplastic material resistant to chemicals and oil and is UV protected
- Can be used on a wide range of different ground conditions and soil types to prevent vehicles and site personnel getting bogged down
- Safe movement and access for vehicles, equipment, and people
- Prevent severe rutting and damage – avoid ground reinstatement cost
- Mat's gently flex with ground contour – no ground preparation required
- Flexible but tough and durable mat for long life use
- Cannot puncture and take on water or contaminants
- Easy to clean after use
- Low theft risk compared to aluminium and steel mats
- Sustainable – made from material that is 100% recyclable at end of life



ISOTRACK M
PROTECT - BE SAFE

- Lightweight man-handable Heavy duty application
- Overlap system ensures good load transfer across mats
- Reduced risk of mud pushing up onto mat surface (overlap mat)
- Both brickwork (offset) and orthogonal assembly options possible
- Robust metal connection design
- Two connectors possible:
  1. Connection from both sides using standard M12 bolts
  2. Exchangeable nut metal connector using standard M12 bolts



General Information			
Overall Dimensions	1906 x 1000 m	Handling and Installation	Two-person lift, no special tools or equipment required
Thickness	Total 33 mm, Core 25 mm	Connection	Standard M12 bolts, metal connectors are integrated in the plate
Overlap	100 mm	Safety	Surface structure designs provide ecxellent traction for vehicles
Usable Surface Area	1.8 m x 0.9 m = 1.62 m²	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Weight	43 kg	Recycling	100% recyclable
Material	Recycled HDPE	Fire Rating	UL 94HB
Colour	Black (standard), other colours optional subject to minimum order quantity	RFID or GPS tags	Option to install your tag of choice within weather proof pocket
Transport	Standard 40' High Cube container 506 mats, Truck standard EU 546 mats	Load bearing capacity	Ideal for supporting vehicles and equipment up to 130 tonnes*

*Load bearing capacity is dependent on the ground conditions

KEY BENEFITS

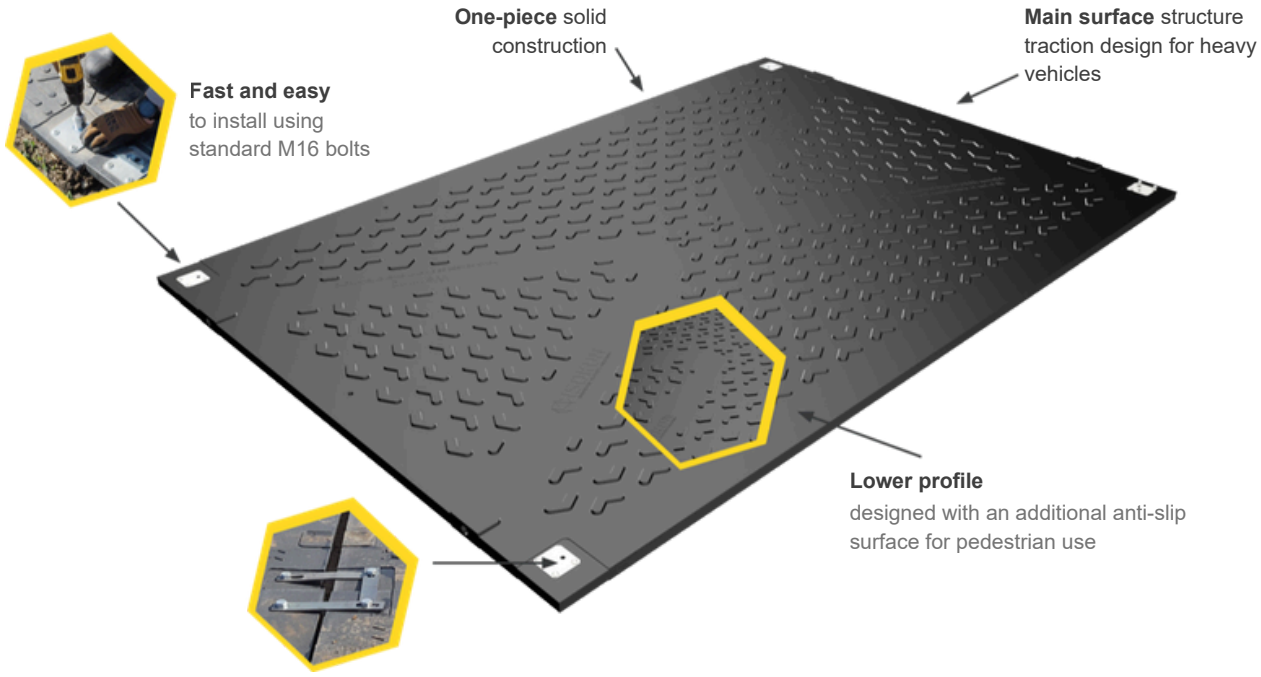
- Two-person lift for easy on-the-ground installation
- Ideal for Medium-Heavy duty project applications
- Can be used on soft to firm soil types to make temporary roadways and work pad areas for supporting a wide range of vehicles and equipment as well as site workers and pedestrians
- Fast and secure connection using M12 bolts
- Overlaps enhance load transfer and suppress mud seepage onto mat surfaces
- Two different surface nub traction designs – for tyres and steel track equipment
- Can be connected in different configurations to make roadways, pads, turning areas or passing places
- Material is chemically inert and will not rot
- Durable, long-life mat that is fully recyclable at end of life



ISOTRACK t MAT

PROTECT - BE SAFE

- One piece compression-moulded, high-performance recycled thermoplastic material resistant to chemicals and oil and is UV protected
- Each mat has two different, excellent traction surfaces for safe movement of vehicles in dry or wet conditions
- Steel-reinforced lifting points



General Information			
Overall Dimensions	3000 x 2000 mm	Handling and Installation	Can use lifting hooks, slings, eye bolts or fork-lifts, vacuum lifting equipment
Thickness	Total 47.5 mm, Core 38 mm	Connection	Using standard M16 bolts with steel or flexible straps, steel reinforces connection points
Usable Surface Area	3 m x 2 m = 6 m²	Safety	Surface structure designs provide excellent traction for vehicles
Weight	235 kg	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Material	Recycled HDPE	Recycling	100% recyclable
Colour	Black (standard), other colours optional subject to minimum order quantity	Fire Rating	UL 94HB
Transport	Standard 40' High Cube container 80 mats, Truck standard EU 96 mats	Load bearing capacity	Ideal for supporting vehicles and equipment up to 150 tonnes*

*Load bearing capacity is dependent on the ground conditions

KEY BENEFITS

- Fast and easy to install using standard M16 bolts Install roadways, working pads, parking and turning areas
- Safe movement and access for vehicles, equipment and people
- Mats gently flex with ground contours – no ground preparation required
- Prevent severe rutting and damage – protect sensitive habitats and avoid ground reinstatement costs
- Prevent vehicles and equipment from getting bogged down - keep your project running and avoid delays
- Flexible but tough and durable mat for long life use
- Customer logo option
- Low theft risk compared to aluminium and steel mats
- Long life and 100% recyclable at end of life

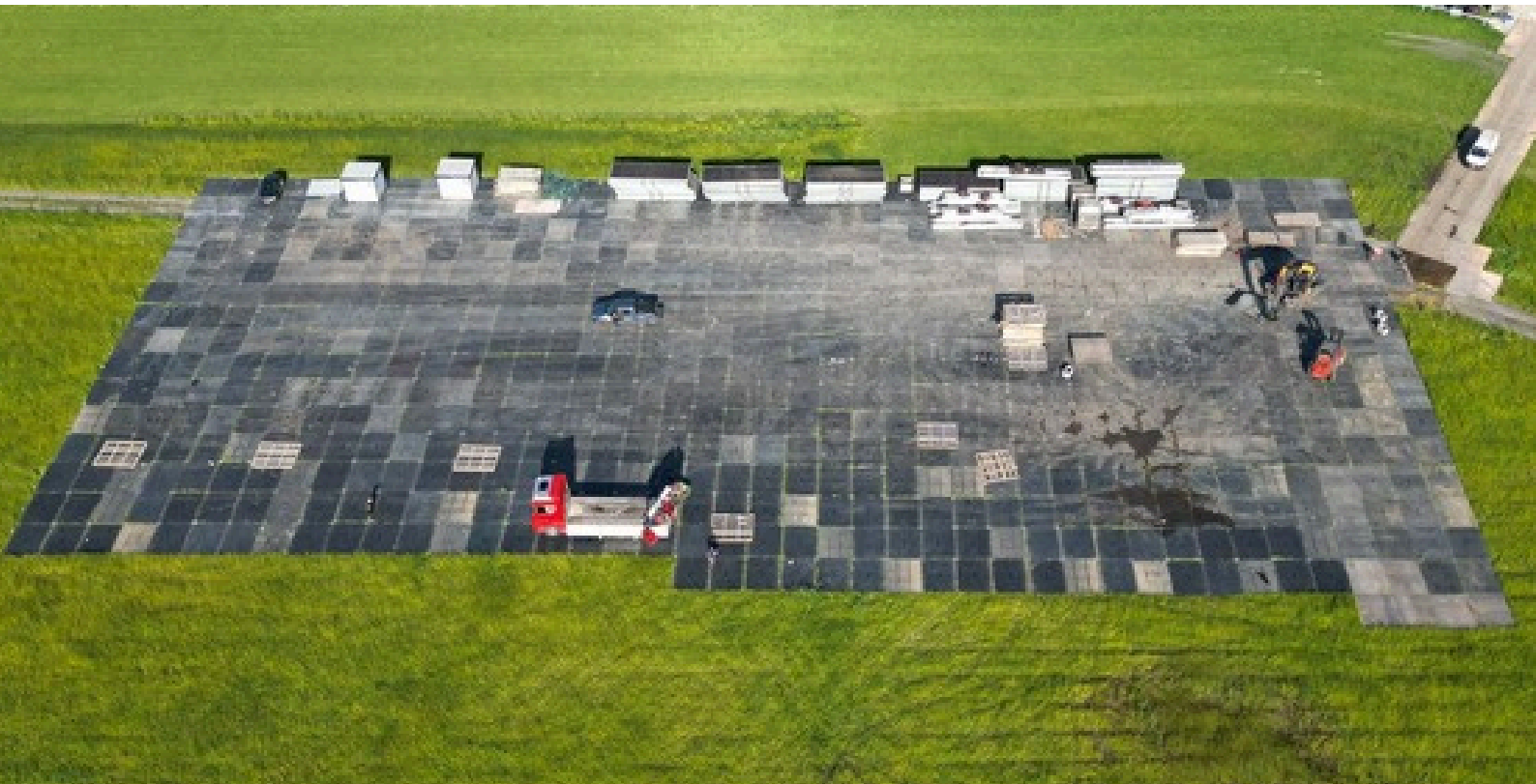


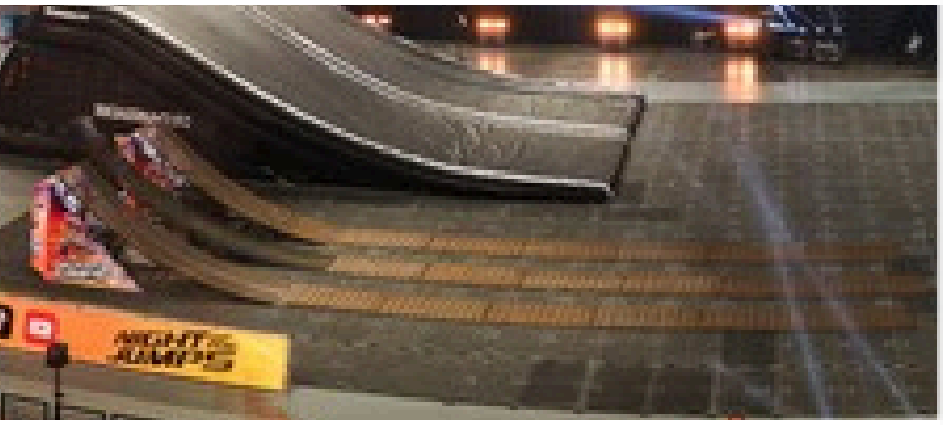
SAFETY AND PERFORMANCE

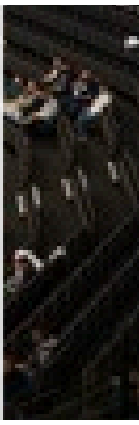
- Prevent vehicles and workers getting bogged down – avoid costs associated with project delays
- Avoid ground reinstatement costs
- Cannot puncture and take on water or contaminants
- Easy to clean after use

APPLICATIONS-MAIN SECTORS

- Construction and civil engineering Utilities
- Oil and gas
- Petrochemical
- Transmission
- Windfarms / renewable energy projects
- Drilling contractors
- Pipelines
- Quarries and mining
- Commercial timber and woodland operations
- Events
- Any project requiring safe temporary access and work areas for heavy vehicles and equipment







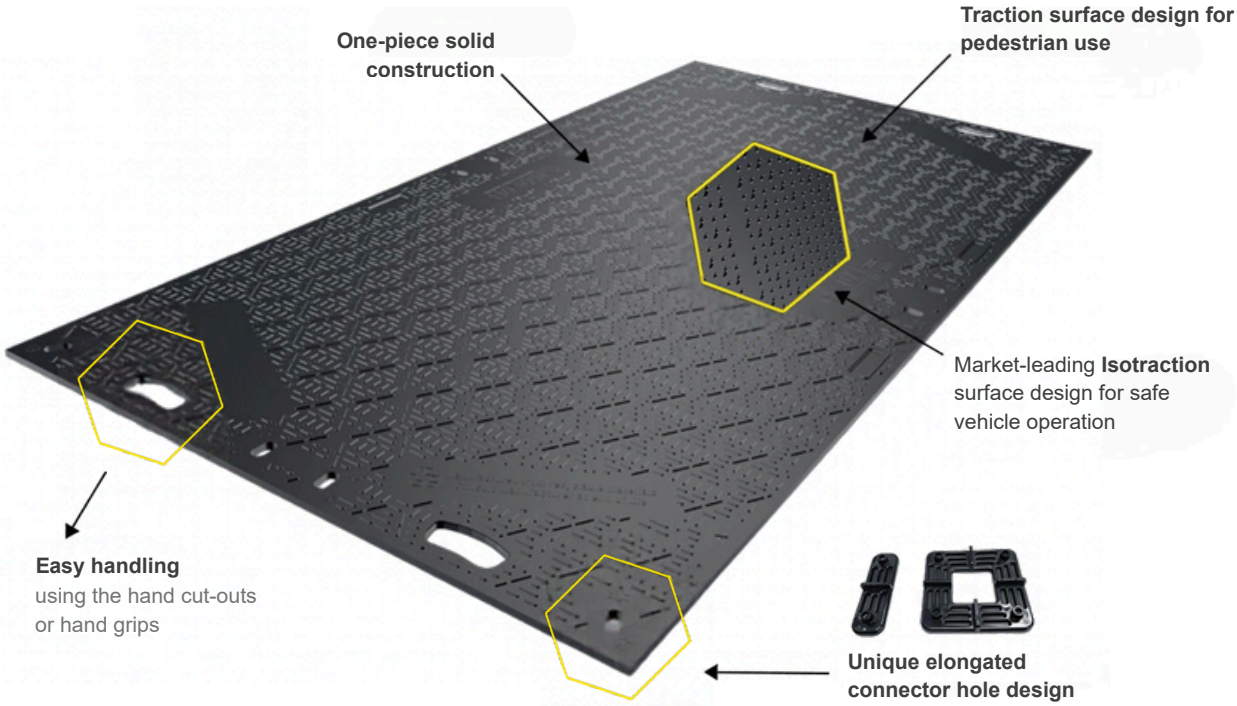
LIGHTWEIGHT TEMPORARY ACCESS AND GROUND PROTECTION MAT

Isotrack L series man-handable mat provides safe, temporary access, work areas, and protection over soft ground conditions and hard surfaces. Two-person lift for easy handling and installation.



ISOTRACK L
PROTECT - BE SAFE

- Each mat has two different, excellent traction surfaces for safe movement of vehicles and pedestrians
- One surface has the market leading Isotraction design for safe vehicle operation in dry or wet conditions
- Unique elongated connector hole designto enable adjustment if thermal expansion or contraction occurs
- Customer logo option

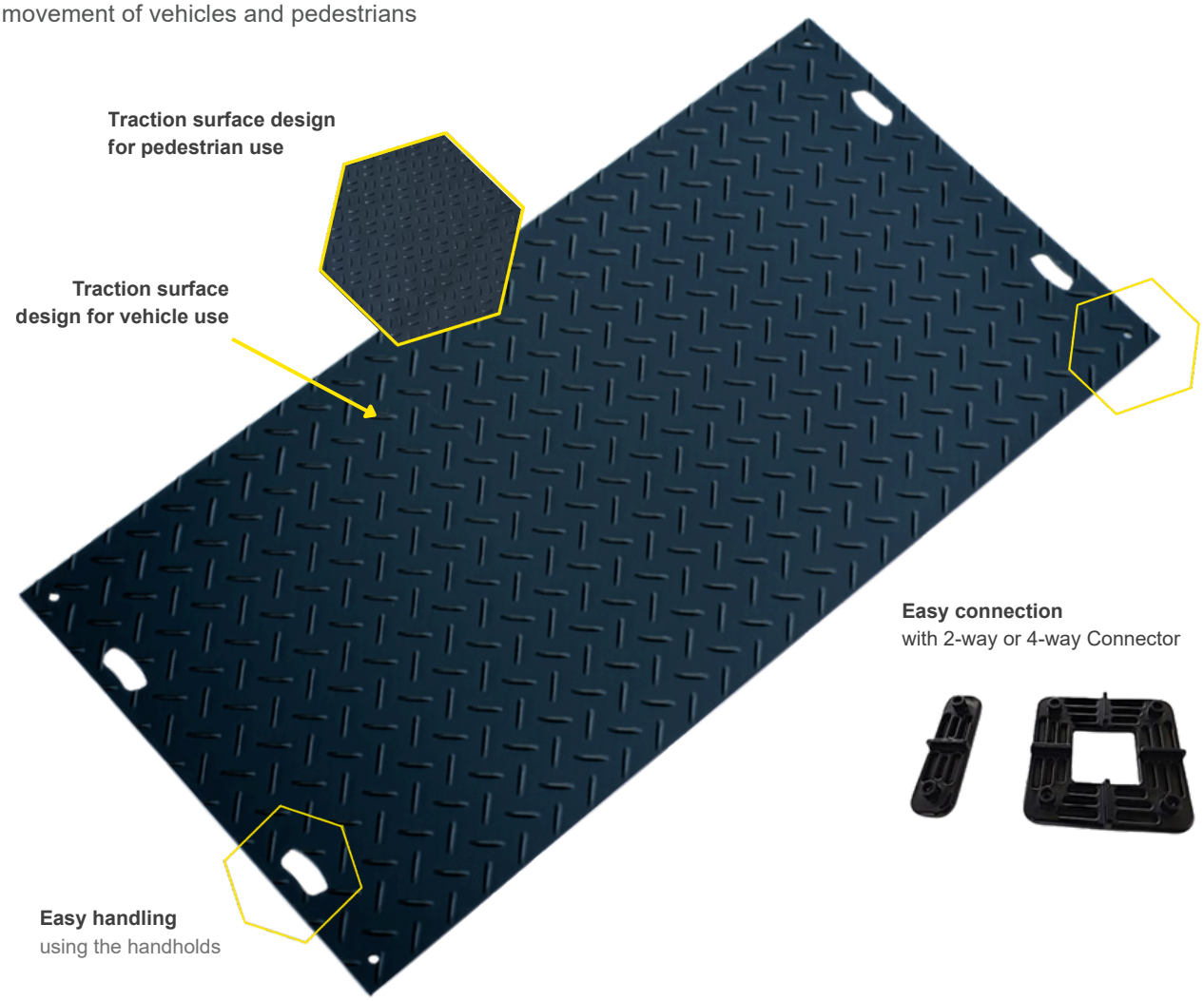


General Information			
Overall Dimensions	2410 x 1200 mm	Handling and Installation	Handhold cut-outs and hand grips for easy handling two-person lift, no specialist tools or equipment required
Thickness	Total 20 mm, Core 12 mm	Connection	2-Way, 4-Way Connector
Usable Surface Area	2.4 m x 1.2 m = 2.89 m²	Safety	Surface structure designs provide ecxellent traction for vehicles
Weight	36 kg	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Material	Recycled HDPE	Recycling	100% recyclable
Colour	Black (standard), other colours optional subject to minimum order quantity	Fire Rating	UI 94HB
Transport	Standart 40' High Cube container 560 mats, Truck standard EU 650 mats	Load bearing capacity	Ideal for supporting lighter vehicles and equipment up to 20 tonnes on softer ground and more than 80 tonnes on firm ground*

*Load bearing capacity is dependent on the ground conditions

ISOTRACK E
PROTECT - BE SAFE

- Manhandable / lightweight
- Easy connection with 2-way or 4-way Connector
- Reversible mat - each mat has two different traction surfaces for safe movement of vehicles and pedestrians



Easy connection
with 2-way or 4-way Connector

General Information			
Overall Dimensions	2410 x 1200 mm	Handling and Installation	Two-person lift, no specialist tools or equipment required
Thickness	Total 20 mm, Core 12 mm	Connection	2-way, 4-way connector, other pins
Usable Surface Area	2.41 x 1.2 m = 2.89 m²	Safety	Surface structure design to provide excellent traction for vehicles and pedestrians
Weight	34 kg	Environmental	No liquid absorption, chemically inert, allows easy decontamination/cleaning
Material	HDPE	Recycling	100% recyclable
Colour	Black (standard), other colours optional subject to minimum order quantity	Fire Rating	UL 94HB
Transport	Standard 40' High Cube container 560 mats, Truck standard EU 650 mats	Load bearing capacity	Ideal for supporting lighter and mid-weight vehicles and equipment

*Load bearing capacity is dependent on the ground conditions

KEY BENEFITS

- Man-handable mat – two person lift and easy handling using the hand cut outs or hand grips
- Fast and easy to insall using a choce of connection options
- Solid, compression-moulded high performance thermoplastic material resistant to chemicals and oil and is UV protected
- Flexible but tough and durable mat for long life use
- 100% recycable at end of life

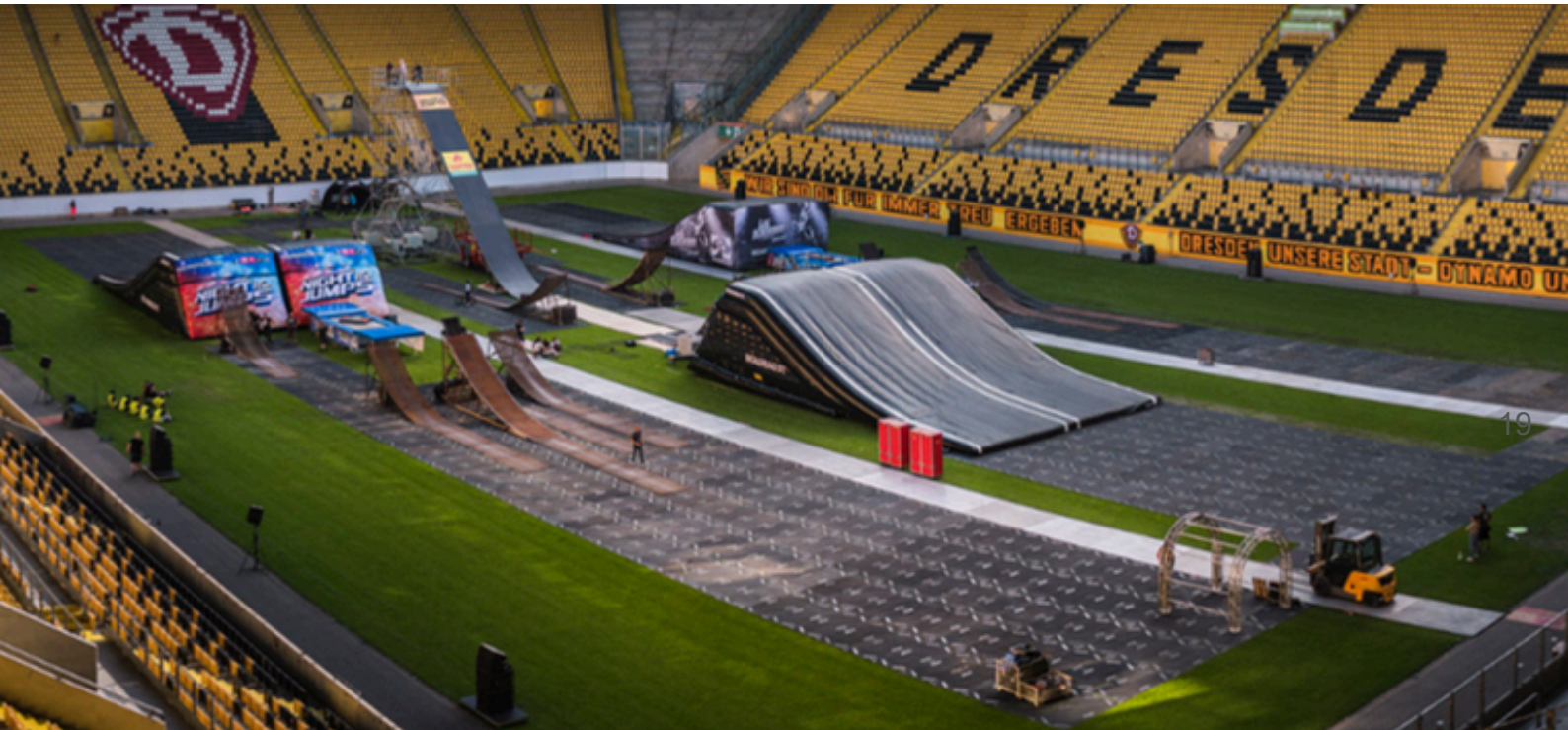


SAFETY AND PERFORMANCE

- Cost effective and safe option compared to plywood; will not warp or rot
- Only mat with elongated connection holes – prevent trip hazard when connected mats expand in high temperatures
- Isotraction surface designed is based on tyre manufacturer traction research and has been independently tested to demonstrate superior grip for vehicles compared to other mats
- Prevent vehicles and workers getting bogged down – avoid costs associated with down time
- Avoid ground reinstatement costs

APPLICATIONS-MAIN SECTORS

- Utilities
- Construction and civil engineering
- Drilling contractors
- Transmission
- Renewable energy
- Events
- Emergency access
- Temporary road and work areas
- Hard and soft landscaping work
- Sports facilities and recreational grounds Pedestrian walkways
- Any project requiring safe temporary access for vehicles, pedestrians and equipment



ISOKON
INNOVATIVE PLASTICS SOLUTIONS

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