

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



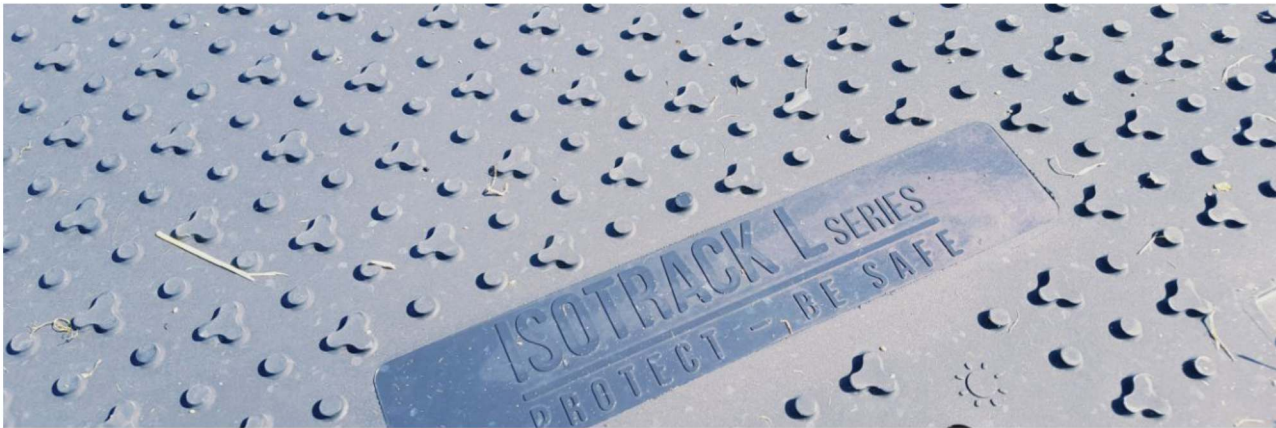
KEY BENEFITS

- Support vehicle weights up to 80 tonnes*
- Man-handleable mat – two person lift and easy handling using the hand cut-outs
- Fast and easy to install using a choice of connection options
- 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% recyclable at end of life

KEY INFORMATION & FEATURES

- One mat but two different traction surfaces – for vehicle and pedestrian use
- IsoTraction® surface designed and tested to provide the best vehicle tyre traction surface on the market
- Unique elongated connector hole design to compensate linear expansion/shrinkage of mats during extreme temperature changes.
- Customer logo option







Simple. secure fixing system



APPLICATIONS - MAIN SECTORS

- Utilities
- Construction and civil engineering
- Drilling contractors
- Transmission
- 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 and equipment

SAFETY AND PERFORMANCE

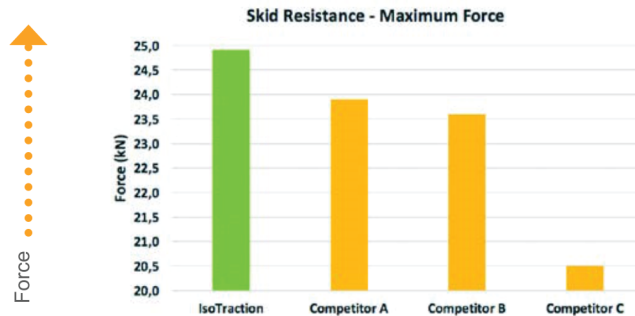
- Cost effective and safe option compared to plywood – will not warp or rot.
- Only mat with unique elongated connection holes - prevent trip hazard when connected mats expand in high temperatures.
- IsoTraction® surface design is based on tyre manufacturer traction research and has been independently 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.

General information	
Overall Dimensions	2410 x1200 x 12 mm
Useable Surface Area	2,89 m ²
	36 kg
Colour	Black (standard), other colours optional
Logistic	Standard high cube 40 ' container 500 mats, Truck standard EU 650 mats
Handling	Handhold cut-outs for easy handling – two person lift. No specialist tools or equipment required.
	100% recyclable
	Nub structure prevents slips, trips, falls
Environmental	No liquid absorption and chemically inert. Easy to clean / decontaminate
Load bearing capacity	In excess of 80 tonnes*
Fire Rating	UL 94HB

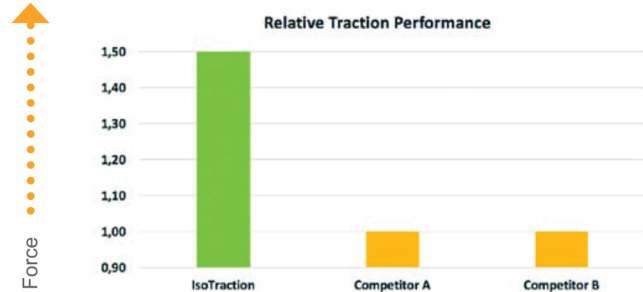
* Load capacity is dependent to ground conditions.

TRACTION TESTING OF ISOTRACK L MATS

Dry Conditions



Mud Conditions



- Testing was undertaken by Ljubljana University to compare the effectiveness of the IsoTraction® nub surface design with the nub surface designs of major mat competitors (solid and cellular core mats)
- A fixed load was applied to a truck tyre (pressure 6,3 bars) with a contact area of 540cm².
- The force required to move each mat surface sample under the tyre was recorded.
- Testing was carried using dry surfaces and with mud applied to the mat surface samples.
- The IsoTraction® nub design recorded up to 20% better results compared to the competitor nub surface designs in dry conditions and 50% better in wet mud conditions.



For more information, contact us
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