



**NON-MECHANICAL PLANT**



Non-Mechanical Plant

# IsoTrack **L-Mat**

## HEAVY DUTY TEMPORARY ACCESS AND GROUND PROTECTION MAT

IsoTrack L-Mat man-handable ground protection and temporary access mat provides safe, temporary access, work areas and protection over soft ground conditions and hard surfaces. Two person lift for easy handling and installation. Capable of supporting loads of up to 80 tonnes\*, the IsoTrack L-Mat is the new benchmark for performance in the heavy duty man-handable mat industry for providing temporary roadways and work areas.

*\*Dependent upon ground conditions*



## PERFORMANCE PROPERTIES

<b>Size</b>	2410mm x 1200mm
<b>Thickness</b>	12mm (Core) / 20mm (Inc Nub Height)
<b>Surface Area</b>	2.89 m <sup>2</sup>
<b>Weight</b>	36 kg
<b>Colour</b>	Standard Black (other colours are available subject to minimum order levels)
<b>Traction</b>	Reversible Traction Surface. One side providing proven performance for vehicular access, the reverse side providing a unique anti-slip surface for pedestrian use.
<b>Material</b>	Made from 100% recycled High Density Polyethylene, that is 100% Recyclable.
<b>Handling</b>	Handhold cut-outs & recesses for ease of handling – two-person lift. No specialist tools or lifting equipment required.
<b>Environment</b>	Chemically inert and no liquid absorption means no leaching of potential contaminants and easy to clean.

<b>Safety</b>	IsoTraction® nub design. Created through extensive testing utilising leading tyre manufacturers process gives significant traction improvements against competitor products in both dry and wet conditions. Hi-visibility reflective marking options available.
<b>Load Capacity</b>	Can take weights of up to 80 tonnes (dependent upon ground conditions)
<b>Fire Rating</b>	UL 94HB
<b>Transport</b>	Standard High Cube Container (40 Foot) – 520 IsoTrack L-Mats Standard Truck – 650 IsoTrack L-Mats
<b>Connection</b>	Variety of Urethane Connectors, enabling the creation of all layouts
<b>Thermal Expansion</b>	Unique elongated connector hole design to allow for linear expansion / shrinkage of mats during extreme temperature changes.
<b>Branding</b>	Customer logo and contact details can be placed upon the IsoTrack L-Mat, subject to minimum order.
<b>Quality Control</b>	All Material Batches are rigorously tested and samples kept for a period of two years to ensure quality of supply.
<b>Warranty</b>	All Materials used our covered by our comprehensive Warranty, standard Terms and Conditions apply.
<b>Installation speed</b>	30 mats per hour ( subject to site conditions)



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## HEAVY DUTY ACCESS MATS

### INCREDIBLY TOUGH AND FLEXIBLE

The IsoTrack L-Mat is made from high quality 100% recycled High Density Polyethylene (HDPE), that is 100% recyclable.

The IsoTrack L-Mat will significantly reduce ground damage, providing a SAFE access surface for vehicles and pedestrian traffic, avoiding the need for expensive reinstatement once your project is complete.

### FAST AND EFFICIENT INSTALLATION

Weighing only 36 kg, the IsoTrack L-Mat can be installed by a two-person team. Optimal placement of hand holes and gripping points allow for easy off load and installation of the IsoTrack L-Mat.

### ISOTRACTION DESIGN

The IsoTraction nub design was formulated in conjunction with a world leading Civil and Geodetic Engineering Facility. Utilising a leading tyre manufactures traction research we have designed the optimum Traction Surfaces for both Pedestrian and Vehicle Access in even the most challenging of conditions.

Optional Hi-Vis Markings can be incorporated into the IsoTrack L-Mat providing additional safety when utilising at night.

### LOGISTICS

Lighter in weight than other comparable alternatives made in Wood and Steel. The IsoTrack offers the environmental and commercial benefit of more square meterage being loaded. per wagon, thus reducing transportation costs and reducing carbon emissions.

## CONNECTION SYSTEMS

### Applications

#### Standard 2 way / 4 way Urethane Connectors & Bolts

Made from 100% Urethane, 2 and 4 way connectors are inserted from below and attached via M10 bolts. Quick to install but incredibly robust the bolts can be tightened by hand for speed and efficiency on site.



Contact Us 0333 202 0713