

Technical Leaflet **Aluminium Trackway Panels**

Aluminium Trackway Panels have been designed for extreme site conditions and to facilitate construction vehicle access in adverse conditions.





Specifications

Size: $3m [L] \times 2.5m [W] \times 53mm [D]$ with 0.25m section.

2.4m width useable area when joined

Weight: 295Kg

Load: 250 tonnes Point Load

Up to 12 tonnes per axle dependant upon sub-

surface and panel configuration

Material: Aluminium

Features: o Underside displaces water

o Versatile for uneven or soft ground

Exceptional traction

o Can be laid straight or at a right angle

Preventative: Reduces the risk of vehicles sinking or getting

bogged down in challenging terrains and protect

delicate landscapes.

Preparation: Requires offloading

Ecosystem: Prevents soil erosion, minimising ground

disturbance, and reducing damage to vegetation

and delicate habitats

Storage: Compact, stack on top of each other

Haulage: Hiab crane or Heavy-Duty Forklift needed

Delivery

We hold most stock, so whether you require same/next day or standard delivery, here are the options to receive products.







Same day*

Next day*

Standard 3 days

Typical enquiries handled within 1 hour from receiving your call.

* Depending on stock availability when placing order

Events Farming
Parking grounds Construction Sites



250 tonnes







265Kg



Purpose

- ü Temporary Roadways
- ü Crane Pad
- ü Site Compound
- ü Temporary Car Parks

Additional Products

As an alternative option, please take a look at our <u>Hardwood Timber Bog Mats</u> or our <u>Ekki Bog Mat</u>.

Contact Us



Multimatts.co.uk



sales@multimatts.co.uk

Installation Guide

Step 1 - Preparation

Evaluate the ground conditions to ensure a stable foundation for installation. Remove any debris, rocks, or obstructions to create a level surface. Precisely mark the installation area and strategically plan the trackway layout, considering anticipated load capacity and traffic flow.



Step 2- Assembly

Place the first panel at the designated starting point, ensuring proper alignment. Position subsequent panels in the correct direction to maintain a stable and continuous path. Utilise appropriate lifting equipment or manual handling techniques to safely manoeuvre heavy panels into place.



Step 3 - Laying

Position each panel evenly and securely, ensuring there are no gaps or misalignments. Verify level alignment and make any necessary adjustments to maintain a smooth and stable trackway.



Step 4 - Connecting

These mats can be connected using several techniques with connectors.

The simplest way to install the mats is to place them onto the ground where required and secure into place using the suitable metal strap connectors.



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Installation timings

Specialist lifting equipment such as Hiab or heavy-duty forklift is required, as well as mechanical fixing to install the mats.



Specialist lifting equipment is required



Single line connection in 5 mins



Grid connection in less than 30 mins



When driving on the mats, do not exceed 5mph



Aluminium Trackway Panels

The Aluminium Trackway Panels have been manufactured with several layers of extruded aluminium and are cross-bonded at the top and underside of the panel to offer high levels of traction.

Additional Information

Environmental Management has been considered to reduce or eliminate the negative and maximise the positive impacts to make this product sustainable.

The Aluminium Trackway Panels are durable, non-slip temporary mats that offer the following key features:

- Long life expectancy
- Maintenance free
- Underside disperses water effectively
- Made from aluminium which is sustainable
- Protects sensitive or soft ground
- Exceptional traction
- Versatile
- Exceptional traction on inclines
- 3m wide 4m wide optional

Handling and Storage

Aluminium Trackway Panels are delivered to site in pre-wrapped packs. The mats are packaged and banded with polyester strips. Pallets are incorporated into the packaging to aid the use of mechanical handling with apparatus such as fork-lifts and lifting booms with slings.

These mats should be stored in original packaging on a flat, solid and free draining storage area and we recommend the banding should not be removed when storing them, unless when safely positioned at ground level or until ready for use.

Gloves should be worn when handing these Aluminium Trackway Panels

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When assessing ground conditions on site we advise seeking professional engineering guidance if there is any doubt. It is the users responsibility to assess the load-bearing capacity of the ground, and to only operate vehicles within the weight that the ground is capable of safely supporting, MultiMatts Ltd accepts no liability whatsoever from any damage, loss or injury arising from the ground conditions on which these products are used.

We advise not to use Steel Tracked vehicles with any composite mats unless pre-authorised and agreed beforehand. Traversing and aggressive movement on the mats may cause damage to them and the connectors, and this will be the sole responsibility of the customer and user of the mats.

