

MultiTrack

(Operation and Installation)



Important Notes:

All installation work must be thoroughly planned before work commences on site to identify hazards and assess risk.

These instructions form guidance for the operation and installation of MultiTrack. Non-standard applications should be approved by a suitably qualified engineer.

Ensure all personnel engaged in installation operations are properly briefed and adequately supervised by a competent person.

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24 HOUR HELPLINE: 0370 240 2381**

Rev	Date	Comments	Initial
1.3	29/09/20	Update	DSW



Certification Number 14419
ISO 9001
ISO 14001
ISO 45001

Introduction

TPA's MultiTrack Mat is a low cost, easy to deploy plastic ground protection panel for a wide range of uses within the construction, groundworks and events industries. Manufactured from HDPE and with a robust tread pattern, their high density and high impact strength make them ideal for applications including: temporary roadways, car parks, site compounds, event flooring and pedestrian walkways.

MultiTrack mats can be either quickly loose-laid for short term ground protection or clipped together for long term projects such as semi-permanent site access roads. This saves the disruption and cost of stripping out and stoning up temporary haul roads, then removing the stone and reinstating the ground afterwards.

Benefits

- MultiTrack Mat is a product that TPA can easily integrate into temporary access and ground protection installations
- Light to carry and quick to lay by hand - No Hiab crane needed
- Protects grounds and underground services from damage
- Provides secure access for light weight Plant, Machinery & Vehicles over almost any ground
- Super tough 100% recycled (and recyclable) plastic - Limits impact upon the environment
- Easy to stack, transport and offload
- Supports load capacities of up to 120 tonnes (Subject to ground conditions)

Technical Specification

Individual MultiTrack Mats				
Length (mm)	Width (mm)	Thickness (mm)	Thickness (mm)	Weight (kg)
2440	1200	13 (exc. tread)	19 (inc. tread)	39

Delivery

Safety Note: A Banksman must always be present when loading or unloading from a vehicle. Refer to the TPA document for the control of **'Loading and Unloading'** which is available to [download now](#) from the Hub



MultiTrack mats will be delivered stacked 25 per pallet and banded. Position the stack in a clear, level area in close proximity to the planned installation.

Installation



Safety Note: Extreme care and adequate precautions must be taken to prevent trapping fingers during assembly and installation. Wear gloves when connecting panels.



When connecting using standard joiners, clip the mats together by lifting the connecting mat, inserting the connector and then laying it down.



Fig 1

Fig 1 shows single and double standard joiners; suitable for construction sites.

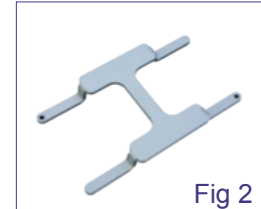


Fig 2

Fig 2 shows a low profile joiner; more suitable for pedestrian use.

Note: When lifting mats, use at least two persons per mat, keep your back as straight as possible and do not overreach. Be aware that mats can sometimes weigh in excess of 40kg when muddy

Configuration Examples

MultiTrack mats can be configured into multiple configurations; two typical examples are shown below:

4.8m trackway



Figure 3a

1. Join the first two mats using one single and one double joiner, then install two single and five double joiners along the leading edge. (Figure 3a)



2. Join two more mats together with one double joiner, and using five people, slide the second mats horizontally towards the first two mats until the holes are underneath the joiner legs of the first mat. (Figure 3b)



Figure 3b

3. Then stand the second two mats up vertically and insert the joiner legs through the holes, before laying the mats back down again. (Figure 3c)

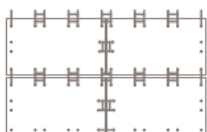
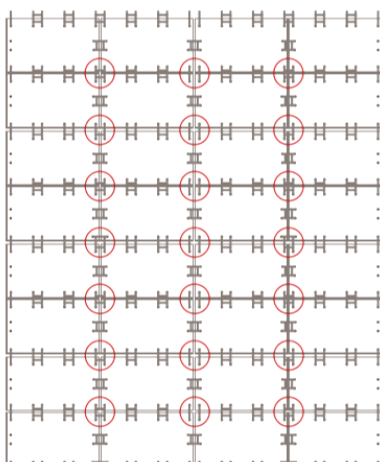


Figure 3c

4. Repeat the process

Note: If hammering in Anchor Pins, first ensure that there are no buried services

Pad areas and car parks



1. The first row of mats are joined end to end, then the pad is built off the side of this to the required dimensions.

2. The larger the pad, the more consideration must be given for the effects of heat expansion. Mats should always be installed with their short dimension running with the longer side of the pad, to give the maximum number of expansion joints.

3. At the corners between the mats (circled red), special corner joiners should be used which give a larger spacing between the mats for expansion. These are identified by notches on the edges of the joiners.

4. If a pad area is very large, and the weather is most likely to be very hot, it is sometimes necessary to leave an extra 100mm expansion gap between every six rows of mats, on the short edge of the mats.

Note: MultiTrack mats should be disassembled and cleaned before re-use or collection. Stack, banded 25 per pallet, as when delivered and store safely away from site traffic, taking care to not lose any connectors or fittings.