

## LD Mats

### (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 LD Mats. 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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**IF IN ANY DOUBT SEEK FURTHER ADVICE:  
24 HOUR HELPLINE: 0370 240 2381**

Rev	Date	Comments	Initial
1.1	11/03/20	Update	DSW

## Introduction

TPA's LD 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.

At just 32kg, the LD Mat is easy to handle and simple to install by a two man team. When used for temporary access or ground protection there is a range of connection options to create access routes or walkways, working pads, storage depot areas or event flooring.

Not just limited to temporary access, the LD Mat has multiple uses on site. Due to its weatherproof properties and being safe and easy to deploy, it is ideally suited for a wide variety of applications:

### Benefits

- LD Mat is a product that TPA can easily integrate into temporary access and ground protection installations
- Protects grounds and underground services from damage
- Provides secure access for light weight plant, machinery and vehicles over almost any ground
- Limits impact upon the environment
- Easy to stack, transport and offload
- Supports load capacities of up to 40 tonnes (subject to ground conditions)
- Low density Polyethylene (LDPE)
- 100% recyclable

## Technical Specification

Individual LD Mats				
Length (mm)	Width (mm)	Thickness (mm)	Thickness (mm)	Weight (kg)
2410	1220	11 (exc. tread)	14 (inc. tread)	32

## 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



LD 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.



Using the circled handling points, ideally work in pairs to manoeuvre the mats into position.



There is a range of connection options for different ground conditions and equipment.



**Checker plate tread for extra grip**



**Flexible joining options**



**Perfect for pedestrians and cars**

- Unique single surface tread: easy to install
- Traction surface for safe vehicle and pedestrian use
- Resistant to degradation caused by weather conditions
- Splinter free, solid plastic creates safer working conditions
- Flexible panels follow ground contours
- Safer, cost effective and lightweight

**Note:** LD 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.