

# Zappmat

## (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 Zappmat. 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.

**THIS DOCUMENT IS NOT CONTROLLED WHEN PRINTED**  
You can download this document as a pdf from the Hub.

**IF IN ANY DOUBT SEEK FURTHER ADVICE:  
24 HOUR HELPLINE: 0370 240 2381**

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

## Introduction

Zappmat is a plastic mat pedestrian walkway and light duty temporary roadway manufactured from high density polyethylene (HDPE) which is 100% recyclable. The panel strength and high impact resistance is due to the virgin HDPE material composition which is UV stabilised.

The 4mm tread pattern surface provides excellent grip and dispels mud whilst vehicles traverse: the reverse side has a finer 2mm tread pattern more suited to pedestrian use. At less than 40kg per mat and featuring hand grips for easy movement, no specialist equipment is required and manual positioning can be executed rapidly and precisely.

The Zappmat system is Ironstone Charcoal in colour and is typically used for temporary access solutions at festivals, outdoor exhibitions, and in compounds and car parks.

## Benefits

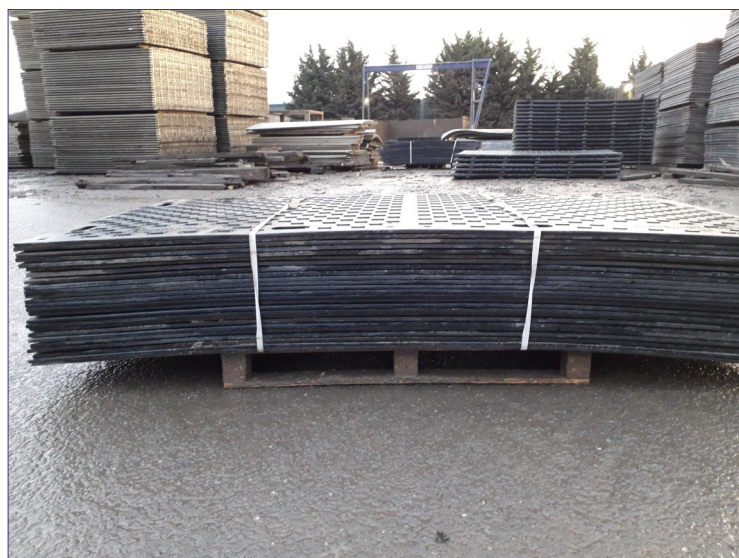
- Can easily integrate into temporary access and ground protection installations
- Protects grounds and buried services from damage
- Installation achieved in approximately 15 mins/50m<sup>2</sup> using standard connectors
- Provides secure access for light weight plant, machinery and vehicles over almost any terrain
- Load capacity of up to 140 tonnes uniformly distributed load (UDL)
- Minimal environmental impact
- Easy to stack, transport and offload

## Technical Specification

Individual Zappmat Mats				
Length (mm)	Width (mm)	Thickness (mm)	Thickness (mm)	Weight (kg)
2440	1220	12 (exc. tread)	18 (inc. tread)	35

## 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



Zappmat 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.



The image above shows a typical installation layout.  
Using the circled handling points, ideally work in pairs to manoeuvre the mats into position.



The standard connectors are fitted by slotting into the holes provided and then laid on top of the Zappmat facing outwards.



The HD connectors are fitted at meeting corners of Zappmats by using the fittings provided to secure in place.

**Note:** Zappmat 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.