



TPA
Portable Roadways

4M HEAVY DUTY ALUMINIUM PANEL

TPA are the only Temporary Access Solution Company to supply a **heavy-duty aluminium 4m roadway panel designed for specialised projects where the terrain is more challenging due to marshland, wetlands or soft fields**. This panel reduces underlying indentation to the surface of the ground and is especially useful on environmentally sensitive areas such as SSSI.

KEY BENEFITS



INNOVATIVE

The box section has two sides, a low profile side and a high profile side (giving high mechanical grip).



PROTECTIVE

The HD Panel is primarily used to provide a 4.0 metre wide load bearing temporary access road for all ground conditions. Its load distribution properties allow the heaviest vehicle to travel on the softest ground safely.



CONSTRUCTION

The 4m panel has been designed to integrate with our 3m panel and steerable panel which provides a seamless connection and avoids any overlapping of panels.



QUICK

A system of 50 linear metres can be installed by two people in 1 to 2 hours.

For more information
visit www.vp-tpa.com or call 0370 240 2381

Find out more
on the website



4M HEAVY DUTY ALUMINIUM PANEL

DESIGN & FEATURES

- >> 4m wide load bearing temporary access roadway
- >> Suitable for a diverse weight range

APPLICATION & CAPABILITY

- >> Delivered and installed utilising our fleet of specialist vehicles and fully accredited installation teams
- >> Suitable for a vast spectrum of ground conditions and access requirements

SUITABLE FOR

- >> Temporary Roadway
- >> Festivals & Outdoor Events
- >> Ground Protection
- >> Compounds, Car Parks
- >> Environmentally Sensitive Terrain

PRODUCT SPECIFICATION

Material:	6063 T6 Grade Aluminium
Panel Structural Properties:	<ul style="list-style-type: none">• Limiting stress for bending and overall yielding = 160 n/mm²• Limiting stress for local capacity of the section in tension or compression = 175 n/mm²• Limiting stress in shear = 95 n/mm²• Ixx = 99.922 cm⁴ Iyy = 2632.532 cm⁴• Zxx = 35.29 cm³
Dimensions (W x L):	4000mm x 2450mm (+/- 2mm)
Square Metre:	9.8mtr sq
Box Section Properties:	Width of section = 260mm Depth of section = 52mm
Weight:	342kg per panel
Load Bearing Capacity:	Suitable for most load applications, subject to panel configuration and ground conditions
Temperature Range	-5°C to 50°C (22°F to 120°F)
Colour	Bare Aluminium



OPERATING CONDITIONS

Installation time:	50 linear metres can be installed in 1-2 hours per crew
--------------------	---

© 2022 TPA Portable Roadways Limited, all rights reserved. Specifications are subject to change without notice. Trademarks are the property of TPA Portable Roadways Limited or their respective owners. Product Design Protected by Patent(s). Document Issue date: 28/11/24 Document Version: 1.4

For more information
visit www.vp-tpa.com or call 0370 240 2381



TPA
Portable Roadways