

Technical Specifications

Product Name **TraxPanel**

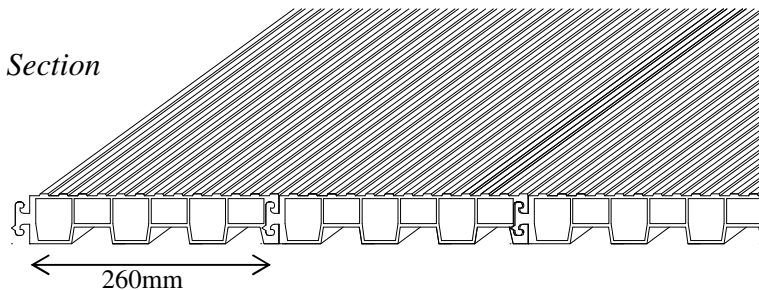
Product Description

- The TraxPanel is primarily used to provide a 3.0 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.
- The width and configuration of the TraxPanel temporary road is variable depending on site conditions/allowable bearing pressure and the total load to be carried.
- The TraxPanel is made up of structurally designed box sections, which slide together along its 3.0 metre length to form a ground hugging articulated joint.
- The box section has two sides, 1) low profile side (pedestrian friendly) and 2) high profile side (giving high mechanical grip).
- Other uses for the TraxPanel are the TraxPanel Fence (see fence specification).

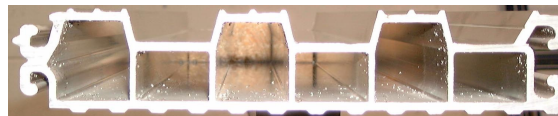
Panel Dimensions

3.0 metres wide x 2.46 metres long

Typical Panel Cross Section



Box Section Properties



$$I_{xx} = 99.922 \text{ cm}^4 \quad I_{yy} = 2632.532 \text{ cm}^4 \quad Z_{xx} = 35.29 \text{ cm}^3$$

Width of section = 260mm Depth of section = 52 mm

Material

6063 T6 Grade Aluminium

p_o (limiting stress for bending and overall yielding) = 160 n/mm²

p_a (limiting stress for local capacity of the section in tension or compression) = 175 n/mm²

p_v (limiting stress in shear) = 95 n/mm²