

PRODUCT SPECIFICATION

STADIA XHD & STADIA XHD-XL

Self-Locking Modular Road System



DESCRIPTION:

Stadia XHD is an innovative, self-locking, modular road system with sixteen 5mm internal supporting up-rights incorporated into each panel for heavy-duty temporary access. It is entirely composite made from polypropylene or HDPE.

The Stadia XHD-XL variant is a hybrid version incorporating patented aluminium box beams for higher rated performance. It offers the strength of a heavy-duty system with the portability of track mats.

Both systems are ideal for protecting sensitive surfaces and providing access for heavy vehicles and rotary-wing aircraft.

KEY FEATURES:

- **Heavy-duty:** Both systems support axle weights up to 12.5 tonnes and static loads up to 150 tonnes per m² (ground-dependent) for XHD and 180 tonnes for the hybrid XHD-XL variant.
- **Self-locking:** The built-in mechanism eliminates the need for additional locking or tools, enhancing safety and ease of use. (No nuts bolts cam locks, or keys)
- **Rapid deployment:** XHD is man-handlable and can be deployed at 55m² per man per hour over a period of time.
- **Efficient transport:** 52 panels per pallet, 1200m² per 40ft truck/ Hi Cube container.
- **Low theft risk:** XHD-XL has no visible aluminium as it is enclosed within the panel, reducing its attractiveness to thieves.
- **Environmentally friendly:** PPC recyclable, XHD-XL aluminium recyclable.



APPLICATIONS:

- Professional sports stadiums & athletics tracks
- Military operations and helipads
- Construction sites
- Temporary roadways and access routes
- Event flooring
- Any application requiring heavy-duty temporary access over sensitive surfaces

Material: XHD: PPCP + UV
XHD-XL: PPCP + UV + Anti-Static Aluminum box beam inserts (patent applied)

Ambient Temperature Range: -30 to +50°C

Panel Size: Full Panel: 2800mm x 500mm (or 2000mm x 500mm)
Half Panel: 1400mm x 500mm (or 1000mm x 500mm)

Max Gross Vehicle Weight: 12,500kg per axle (CBR 3>)

Panel Thickness: 50mm

Max Static Load: Up to 150- 180,000kg per m²

Panel Weight: 30 kg (full panel 2.8m) XL: 36 kg / panel
20 kg (full panel 2.0m) XL: 25.7 kg / panel
15 kg (half panel 1.4m) XL: 18 kg / panel
10 kg (half panel 1.0m) XL: 12.85 kg / panel

Operating Parameters:

- Inert and non-conductive
- Resistant to solvents
- Non-corroding
- Resistant to UV damage
- XHD: UL 94 HB fire rating
- XHD-XL: British Standard BS476 non-combustable
- Resistivity 10 ohms S
- Single component system

Sustainability: PPC recyclable
XHD-XL: enclosed aluminium recyclable

Suitable Surfaces: Turf, Grass, Sand, and Graded Ground - optimal surfaces to be level and supporting*

* Ground-dependent