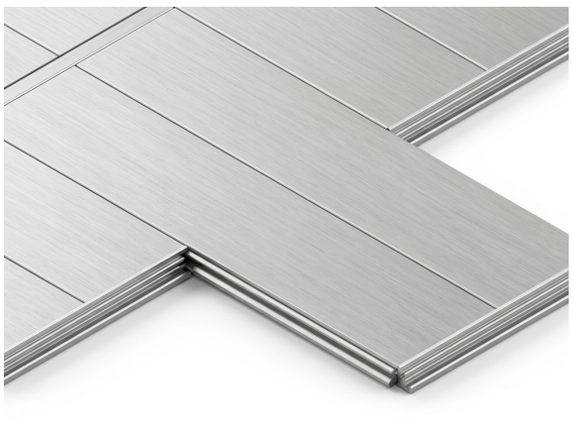
PRODUCT SPECIFICATION

STADIA XHD ULTRA

Self-Locking Modular Heavy Duty Aluminium Access System





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

DESCRIPTION:

Stadia XHD Ultra is a self-locking, modular heavy-duty access system made entirely from aluminium. Traditional panels are often weakest at their connection points. Stadia XHD Ultra removes that weakness, delivering superior structural integrity and reliable performance in the most demanding conditions.

Its "drop and lock" connection system lets you lay panels in a brick weave pattern. This interlocking layout spreads load across the whole trackway, creating a more stable, durable surface for heavy loads.

The result combines the strength of a heavy-duty system with the portability of track mats. A unique, patented interlocking joint engages at an angle and rotates flush, with no cam locks or keys.

Ideal for protecting sensitive surfaces and providing fast access for heavy vehicles and rotary-wing aircraft, including in remote and extreme-temperature environments.

KEY FEATURES:

- **Heavy-duty aluminium:** supports axle weights up to 12.5 tonnes (ground-dependent).
- **Patented self-locking system:** Align at an angle, drop in place and lock. (No cam locks, or keys)
- **Rapid deployment:** Modular man-handlable panels for fast, efficient installation.
- **Efficient transport:** 52 panels per pallet, 1200m^2 per 40ft truck/ Hi Cube container.
- **Non-corroding:** Suitable for uncovered outdoor storage.
- **Environmentally friendly:** Fully recyclable aluminium.
- **Integrated ramp system available**.

Material: Aluminium
(optional anodised finish or painted anti-slip finish)

Panel Size: Full Panel: 2.0m to 3.0m x 500mm
(2.0m, 2.5m, 2.8m and 3.0m x 500mm)
Half Panel: 1.0m to 1.5m x 500mm
(1.0m, 1.25m, 1.4m and 1.5m x 500mm)
Panel widths can be custom extruded to required sizes

Panel Thickness: 40mm

Panel Weight:
8.204 kg (full panel plus ends) / panel per linear metre
38 kg 2500mm x 500mm full panel including end caps

Sustainability: Fully recyclable aluminium

Suitable Surfaces: Turf, Grass, Sand, Soil, Snow, Gravel, Concrete, Tarmac.*

* Ground-dependent

Ambient Temperature Range: -45 to +45°C

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

Max Static Load: Up to 100,000 kg per m^2

Operating Parameters:

- Non-corroding: no known substance that would cause corrosion
- Suitable for outside, uncovered storage
- Fire rating: standard production meets Aluminium alloy base material is non-combustible and generally achieves an A2-s1, d0 Euroclass fire rating (or Class 0 in the UK). Other ratings available subject to quotation
- Optional anodised finish
- Single component system
- Complete internal self-locking system - no external locks or bolts.