

TECHNICAL SPECIFICATION

PRODUCT SPECIFICATION

OH 250
Raptor Overhead
Rail System

SYSTEM CODE

RAPTOR OVERHEAD RAIL SYSTEM
OH 250

TECHNICAL DATA

MATERIALS

- Rail – profiled hi-tensile aluminum
- Trolley – stainless steel including 6 sealed bearings
- Mounting Brackets – profiled stainless steel and/or aluminium
- Mounting Fixings – M12 stainless steel fixings

FIXINGS (into support structure)

- Steel fixing – M12 bolt or threaded stud
 - Concrete fixing – M12 mechanical concrete anchor
- Note: May vary depending on application

WEIGHT

- 4.5kg / per linear metre of rail section

WORKING LOAD LIMIT

- Single person use – 180kg per trolley (user/equipment)
- Maximum horizontal pitch for safe use – 3°
 - Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation

RAPTOR RAIL SPAN TABLE

RAPTOR RAIL ONLY			RAPTOR RAIL WITH LONGSPAN SUPPORT		
No of Users Per Span	Max Span Length	Support Structure Design Load	No of Users Per Span	Max Span Length	Support Structure Design Load
1	4000mm	15kN	1	6000mm	15kN
2	3200mm	21kN	2	5500mm	21kN
3	2500mm	27kN	3	4800mm	27kN
4	2000mm	33kN	4	4200mm	33kN

COMPLIANCE

Raptor Overhead Rail is designed to comply with Australian Standards AS/NZS1891.2:2001, AS/NZS1891.4:2009 and relevant statutory OHS Codes of Practice/Guidelines. (Refer instruction manual.)

TESTING

Testing and performance based on requirements of Australian Standard

- AS/NZS1891.2:2001 and AS/NZS1891.1:2009

PRODUCT WARRANTY

10 years from date of purchase subject to correct installation, use and maintenance in accordance with manufacturer's specifications and recommendations. (Refer instruction manual.)

INSPECTION AND MAINTENANCE

Inspection and certification every 12 months by a height safety equipment inspector in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS181.1:2009 (Refer instruction manual.)

IMPORTANT NOTE

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

