GRXRLS14

ALUMINUM ALLOY RAIL



OVERVIEW

The Groxx GRXRLS14 is a high-rigidity straight rail section engineered to provide a continuous and stable fall protection path. As a core component of a rigid anchorage system, it ensures consistent shuttle load-bearing for non-disconnection mobile protection across various structural elevations.

KEY FEATURES

- **High Rigidity & Low Deflection**: Engineered to minimize swing and deflection under dynamic load, providing a stable platform for users working at heights.
- **Multi-Directional Installation**: The profile supports versatile mounting configurations, including overhead, side-mounted, or inverted layouts, to suit specific structural requirements.
- **Precision Engineering**: Features a smooth, burr-free surface to prevent shuttle jamming, with an allowable installation misalignment angle of 15 degrees.
- **Flexible Layouts**: While this model is straight, the system architecture allows for integration with curved sections to create a customized, comprehensive safety perimeter.

TECHNICAL SNAPSHOT

PARAMETER	GRXRLS14
Model Number	GRXRLS14
Material	High-Grade Aluminum Alloy (AL)
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Static Strength	12 kN
Safety Factor	1.5
Linear Weight	3.066 kg/m
Profile Dimensions	55 mm (W) x 38 mm (H)
Standard Lengths	3m / 4m (Stock); 6m (Customizable)

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

EN 795:2012 Type D | CEN/TS 16415

The GRXRLS14 Aluminum Rail combines lightweight handling with industrial-strength protection.

FULL DATA SHEET ↗

Product page ↗