GRXSSHLL

HORIZONTAL LIFELINE ON STANDING SEAM ROOF

Also used in HL



OVERVIEW

The Groxx GRXSSHLL is a premier, non-penetrative horizontal fall protection solution specifically engineered for standing seam and concealed-fix roof profiles. This system combines the lightweight strength of structural aluminum with the extreme durability of 316 stainless steel, providing a continuous, multi-user safety line that preserves the structural and watertight integrity of the building envelope.

KEY FEATURES

- **Zero-Penetration Mounting**: The GRXSSHLL utilizes a specialized clamping mechanism that grips the roof seams without the need for drilling, rivets, or piercing. This ensures the roof's thermal performance and manufacturer warranties remain fully intact.
- **Integrated Energy Management**: At the heart of the system are the I-Bracket and H-Frame posts, featuring built-in deformation technology.
- **Seamless Navigation**: Equipped with high-performance sliders and aerodynamic intermediate guides, the system allows users to traverse the entire length of the roof, including corners and transitions, without ever needing to disconnect (100% tie-off).
- **Multi-User Capability**: Rigorously tested and rated for up to 4 simultaneous users, making it an ideal solution for large-scale maintenance, HVAC servicing, and solar panel cleaning.

TECHNICAL SNAPSHOT

PARAMETER	GRXSSHLL
Product Code	GRXSSHLL
Cable Diameter	8.0mm (7×19) 316 Stainless Steel Wire Rope
Primary Material	6061-T6 Aluminum & 316 Stainless Steel
Seam Spacing Range	Adjustable from 320mm up to 750mm
System MBS	15 kN
Standard Compliance	EN 795:2012 Type C (horizontal flexible line) + CEN/TS 16415
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)

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 C | CEN/TS 16415

> The GRXSSHLL system is designed for the harsh realities of industrial rooftops. By utilizing anodized aluminum and polished 316 stainless steel, the system is naturally resistant to UV degradation and salt-air corrosion.

FULL DATA SHEET ↗

Product page ↗