GGHG009

H – FRAME BRACKET



OVERVIEW

The Groxx H-Frame Bracket is a heavy-duty, multi-point intermediate anchorage solution engineered for high-load horizontal lifeline systems on standing seam and Kliplok® roof profiles. By evolving the traditional "I" design into a robust H-configured frame, this bracket provides a significantly larger footprint, distributing forces across four points of contact for maximum structural security.

KEY FEATURES

- **Quad-Point Security**: The signature H-shaped geometry utilizes four connection points rather than two. This architectural upgrade drastically increases pull-out strength and provides superior stability against multi-directional forces.
- **Superior Load Distribution**: By anchoring to the roof across a wider surface area, the H-Frame minimizes the stress on individual roof seams, making it the ideal choice for thin-gauge metal profiles or high-capacity systems.
- **Integrated Energy Absorber**: Features a central, built-in shock-absorbing post that deforms predictably during a fall. This "controlled collapse" technology protects both the user and the roof's integrity by dissipating peak impact loads.
- **High-Capacity Multi-User Rating**: Specifically designed and tested to support up to 4 simultaneous users, providing a safe working environment for entire maintenance teams.

TECHNICAL SNAPSHOT

PARAMETER	GGHG009
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)

Component	Material & Grade	Finish
H-Frame Chassis	6061-T6 Structural Aluminum	Heavy-Duty Anodized
Central Anchor Point	316 Stainless Steel	High Polish
Seam Clamps	6005-T5 Aluminum	Anodized
Mounting Hardware	M10 SS316 (Grade A4-70)	Natural

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 A | CEN/TS 16415

While standard brackets rely on a linear connection, the Groxx H-Frame reimagines roof safety through redundancy and grip.

FULL DATA SHEET ↗

Product page ↗