

I - BRACKET

AL80010

TECHNICAL SPECIFICATION

GROXX I-BRACKET | AL80010 INTERMEDIATE POST

The **AL80010 Groxx I-Bracket** is a high-performance intermediate anchor designed for horizontal lifeline systems on standing seam and Kliplok® roof profiles. Engineered for versatility and structural protection, this bracket adapts to a wide range of seam distances while providing critical energy absorption during a fall event.

(PRODUCT DOES NOT INCLUDE CLAMP AND LIFELINE COMPONENT)

KEY FEATURES & PERFORMANCE

- **Adaptive Roof Compatibility:** The adjustable cross-arm design accommodates broad seam spacings ranging from **320mm to 750mm**, making it compatible with a vast array of standing seam and concealed-fix roof profiles.
- **Integrated Energy Absorber:** Features a built-in shock-absorbing anchor post. In the event of a fall, the post deforms predictably to dissipate kinetic energy, significantly reducing the force transferred to the user and the roof substrate.
- **Multi-User Rated:** Robustly engineered to support up to **4 simultaneous users** when integrated into a certified horizontal lifeline system.
- **Dual-Purpose Anchorage:** The 316 Stainless Steel eyelet serves as a smooth pass-through for lifeline cables or as a high-strength independent anchorage point.
- **Non-Penetrative Mounting:** Designed to be used with specialized clamps that grip the roof seams, preserving the building's thermal performance and watertight warranty.



MATERIAL SPECIFICATIONS

COMPONENT	MATERIAL & GRADE	FINISH
Cross Arm	6061-T6 Structural Aluminum	Anodized
Anchor Point	316 Stainless Steel	Polished
Standing Seam Clamps	6005-T5 Aluminum	Anodized
Hardware	M10 SS316 (Grade A4-70)	Natural

TECHNICAL DATA & COMPLIANCE

- **Minimum Breaking Strength (MBS):** 15 kN
- **System Weight:** 3.214 kg (± 0.050 kg)
- **Global Standards:**
 - **EN 795:2012 Type A** (Single point anchors)
 - **TS 16415:2013 Type A** (Multi-user requirements)
 - **AS/NZS 5532:2013** (Manufacturing requirements for single-point anchor device)

THE GROXX ADVANTAGE

The AL80010 combines lightweight aluminum construction with the industrial strength of 316 Stainless Steel. By utilizing an **anodized finish**, the bracket is shielded against harsh UV rays and salt-air corrosion, ensuring a long service life with minimal maintenance on even the most exposed industrial rooftops.