GGRXPA789

PURLIN ANCHOR



OVERVIEW

The Groxx Purlin Anchor (Model Number: GGRXPA789) is a premium, industrial-grade personal fall protection component engineered to attach directly to structural roof purlins through corrugated sheet profiles. Serving as a permanent single-point anchorage connector, this high-tensile hardware provides dependable fall-arrest security for technicians executing high-altitude roof maintenance, inspections, and industrial staging tasks.

KEY FEATURES

- **Direct Structural Purlin Anchoring**: Engineered as a dedicated single-point anchor designed to be fixed directly into the building's underlying roof purlins through corrugated sheet crowns to create a permanent, heavy-duty anchorage zone.
- **Vital Fall Protection Interface**: Specifically optimized to serve as a reliable tie-off point for personal fall arrest systems (PFAS), shock-absorbing lanyards, and vertical lifelines.
- **Watertight Joint Sealing**: Outfitted with an integrated rubber washer system to ensure correct mechanical installation and render the penetrated corrugated roof joint fully leak-proof against rainwater entry.
- **Multi-Directional Strength Capacity**: Built with structural reserve limits that deliver a minimum breaking strength of 15 kilonewtons across both the horizontal and vertical load vectors (X and Y axis direction paths).

TECHNICAL SNAPSHOT

PARAMETER	GGRXPA789
FEATURE / CORE ENGINEERING PARAMETER	
Model Number	GGRXPA789
Product Classification	Roof Purlin Anchor Bolt / Corrugated Profile (Small)
EN requirement	Static test 12 kN (18 kN if any load-bearing part is non-metallic), +1 kN per additional user (CEN/TS 16415)
Metal Hardware Base	Grade 316 Stainless Steel with a highly polished finish
Sealing Washer Compound	High-Resilience Neoprene Rubber
Installation Hole Requirement	30 millimeter diameter clearance hole required
Minimum Breaking Strength (MBS)	15 kilonewtons in both X and Y directional axes
Total Component Net Weight	840 grams plus or minus 20 grams
Fulfillment Capacity Limit	Rated suitable for 1 user maximum
Operational Reference Guideline	Refer to the User Instruction Manual before deploying hardware

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

FULL DATA SHEET ↗

Product page ↗