

WARNING LINE FOR METAL ROOFS

WL31



PRODUCT OVERVIEW



The WL31 roof safety line is our warning line system for metal roofs. This product has two mounting types available — self-sealing rivets or non-penetrating seam clamps. Both mounting types offer the same OSHA compliance and high visual awareness to ensure people are kept at a safe distance from fall hazards.

For metal decks and standing seam roofs, we offer an aluminum base that spans multiple roof profiles and can be fastened down every 15-30 feet. These poles are connected with plastic-coated stainless steel cables. Aluminum danger pennants are attached to this cable every 6 feet to make the cable more visible.

Features

- Can be customized on-site to meet the required application
- Can be combined with Kattsafe guardrail systems to create an OSHA compliant roof
- OSHA compliant
- Posts supplied yellow as standard for increased visibility

Applications

- Visual warning line around roof perimeter
- Visual warning line around rooftop equipment, machinery, and other unprotected fall edges

TECHNICAL SPECIFICATION

Material

- Mounting Posts: High tensile 2-1/4 x 1-1/2 x 1/8in aluminum rectangular hollow sections. These are mill finish, free from sharp edges and snag points, and mount to the metal roof with stainless steel hardware. Post Height: 39in
- Metal Roof Bases: Aluminum (5000 series) measuring 5/8 x 26 x 16-1/4in, with pre-drilled holes for post mounting.
- Cable: Comes with a 1/8in galvanized aircraft cable, which is vinyl-coated with aluminum crimped termination sleeves.
- Flags: The product includes 'Warning' stamped flags made from aluminum sheet. These flags are powder-coated in safety yellow, located every 6 feet with an aluminum sleeve for spacing maintenance.
- Connecting Hardware: Hardware made from 304 stainless steel compliant with ASTM F593-13a and ASTM F606/F606M-14a. The kit includes fasteners, anchors, 305 stainless steel rivets, and aluminum rivets with a 5/16in diameter. A non-penetrating clamp in aluminum is also part of the accessories.

Finish

All aluminum sections are mill-type, free from sharp edges and snagging points.

Compliance

WL31 is compliant with OSHA Code 1926.502(f)(2)(iii), designed to be erected a minimum of 6 feet from the roof edge. It can resist a horizontal force of at least 16lbs without tipping over.

Installation

The product mounts to a metal roof mounting base using stainless steel hardware. The warning flags should be spaced every 6ft.

Product Warranty

As per the standard company policy, the WL31 comes with a warranty period of 5 years from the date of installation, subject to proper installation, use, and maintenance as per the manufacturer's specifications. This excludes the weighted bases which come with a 2-year warranty. Extended warranties could be available on a project basis.