



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.

NON-PENETRATING WARNING LINE

WL32



PRODUCT OVERVIEW



The WL32 Non-Penetrating Warning Line provides high visual warning of a fall hazard on membrane and built-up roofs. The aluminum posts are positioned every 25 to 30ft and connected with plastic coated galvanized aircraft cable with aluminum danger pennants every 6ft.

Our WL32 Non-penetrating Warning Line for membrane and built-up roofs, features a plastic coated steel weighted base that is completely non-penetrating and sits on top of the roofing membrane. Kattsafe WL32 provides OSHA compliance and high visual awareness to ensure people are kept a safe distance from fall hazards

Applications

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

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

TECHNICAL SPECIFICATION

Material

- Mounting Posts: 2-1/4 x 1-1/2 x 1/8in high tensile aluminum rectangular hollow sections, mill finish, and free from sharp edges and snag points. Post height: 39in. These posts mount to the weighted base using stainless steel hardware.
- Weighted Bases: 5/8 x 23 x 23in hot rolled galvanized steel bases.
- Pre-tapped holes for post mounting.
- Membrane protection under the base is provided for added safety.
- Cable: 1/8in galvanized aircraft cable, vinyl-coated with aluminum crimped termination sleeves.
- Flags: Aluminum sheet flags with a 'Warning' stamp, powder-coated in safety yellow for increased visibility.
- Flag Location: Flags are spaced every 6ft, with an aluminum sleeve to maintain evenly spaced intervals.

Finish

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

Compliance

WL32 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 weighted base using stainless steel hardware. The warning flags should be spaced every 6ft.

Product Warranty

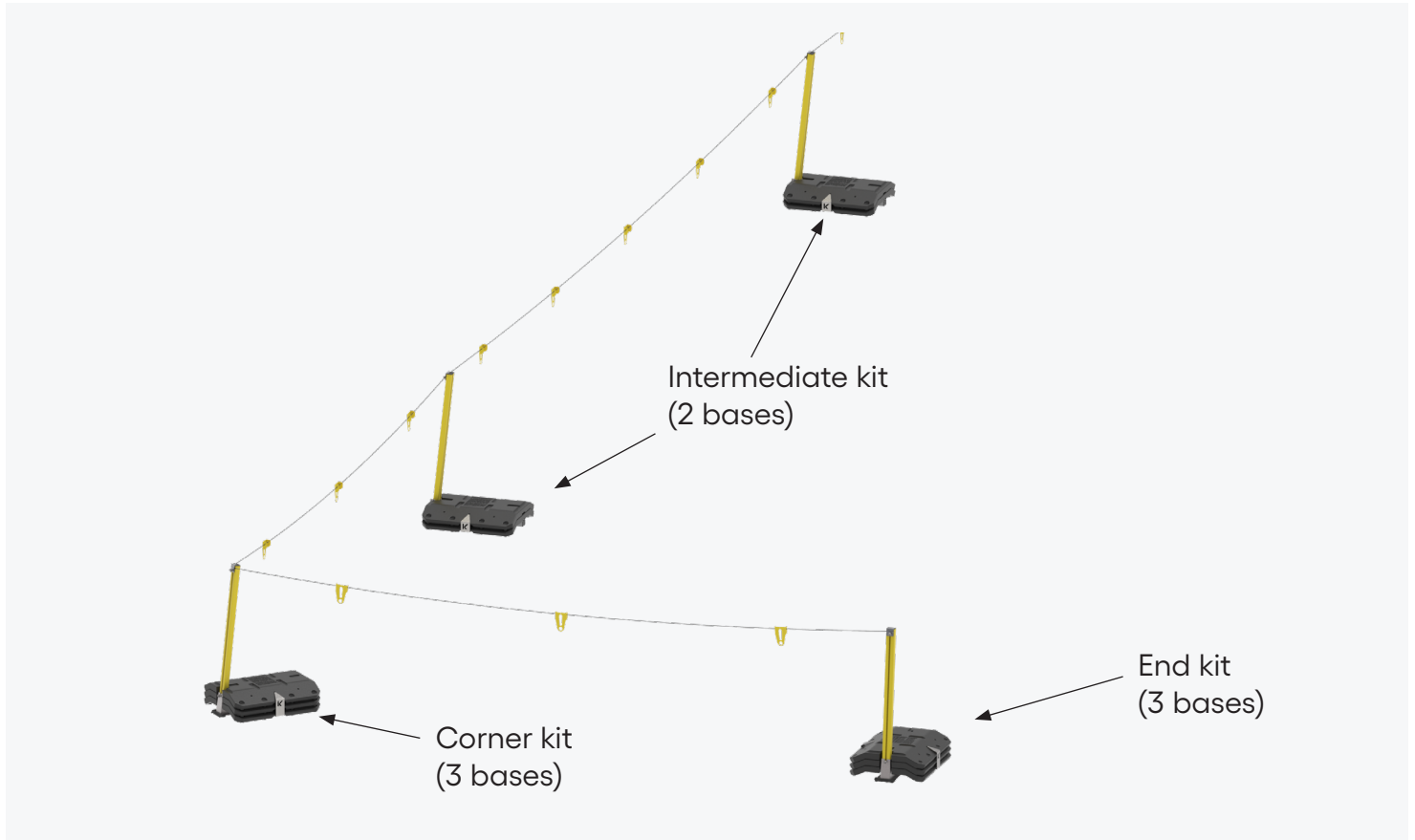
As per the standard company policy, the WL32 comes with a warranty period of 5 years from the date of installation, subject to proper installation, use, and maintenance as per the manufacturer's specifications.

NON-PENETRATING WARNING LINE

WL33



PRODUCT OVERVIEW



The **Kattsafe WL33 Non-Penetrating Warning Line** provides high visual warning of a fall hazard on membrane and built-up roofs. The aluminum posts are positioned every 25 feet (with the exception of corners and terminations/end kits positioned every 15ft) and connected with plastic coated stainless aircraft cable with aluminum danger pennants every 6ft.

Our WL33 Non-Penetrating Warning Line for membrane and built-up roofs, features a plastic coated concrete weighted base that is completely non-penetrating and sits on top of the roofing membrane. WL33 provides OSHA compliance and high visual awareness to ensure people are kept a safe distance from fall hazards.

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

- Membrane protection under the base is provided for added safety.
- Cable: 1/8in galvanized aircraft cable, vinyl-coated with aluminum crimped termination sleeves.
- Flags: Aluminum sheet flags with a 'Warning' stamp, powder-coated in safety yellow for increased visibility.
- Flag Location: Flags are spaced every 6ft, with an aluminum sleeve to maintain evenly spaced intervals.

Finish

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

Compliance

WL33 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 weighted base. The warning flags should be spaced every 6ft. From corners to end kits, use 15ft spacing. For all intermediates, use 25ft spacing

Warranty

As per the standard company policy, the WL33 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. Extended warranties could be available on a project basis.

Visual Warning Lines

Everlast™ 200 and 300

Meets OSHA Requirements

1926.502(f) (2)



Everlast 200

Uses Set and Prevent base, a stainless steel plastic coated cable and safety yellow hard plastic pennants.

- Kit includes three bases, pads, 100' of flags and joining hardware to connect two kits together
- Meets OSHA requirement 1926.502(f)(2) and 1910.29(d)



EverLast™ 200

Uses the economical Set and Prevent™ base



Everlast 300

A permanent warning system with heavy-duty RailGuard™ 200 metal bases, plastic-coated cable, and plastic pennants.

- For a standalone 100' system order an additional end stanchion, base pad and pin
- Meets OSHA requirement 1926.502(f)(2) and 1910.29(d)



EverLast™ 300

Uses our traditional metal base

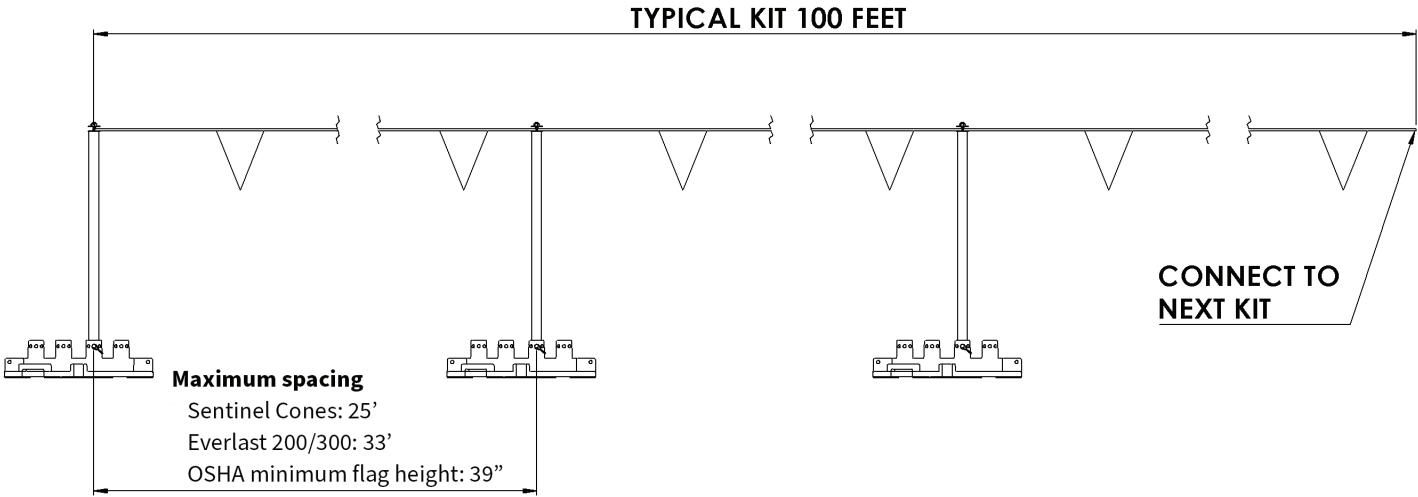
Why Choose Garlock Safety Systems™?

- Rigorously Tested to Exceed OSHA & ANSI Standards
- In-House Engineering
- Full Passive Fall Prevention Portfolio
- Custom Engineered Products Available

Application Consideration

Warning line kits are sold to accommodate the most popular application, connecting multiple warning lines together. Kits do not include the final stanchion to use all 100 feet of the warning line. The last segment of warning line is to be connected the stanchion of the next warning line kit

To create a single 100' segment of warning line or to end a run, purchase one additional base and stanchion separately.



Specifications

P/N	Family	Bases	Base Weight	Pads	Stanchions	Flag Pennants	Pins Included	OSHA Compliant
300975	Everlast 300	3 each safety yellow	90 lbs.	Attached to base	3 each yellow	1 each, 100', plastic	Yes	Yes
301548	Everlast 300	3 each galvanized	90 lbs.	Attached to base	3 each zinc	1 each, 100', plastic	Yes	Yes
436-001-001	Everlast 200	3 each Set & Prevent	103 lbs.	Set & Prevent pad included	3 each yellow	1 each, 100', plastic	Yes	Yes
436-002-601	Everlast 200	3 each Set & Prevent	103 lbs.	Set & Prevent pad included	3 each zinc	1 each, 100', plastic	Yes	Yes



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