The Safety Solution for Horizontal Lifelines

- Conforms to ANSI/ASSE Z359, CAN/CSA Z259
- Allows spans of up to 50 feet and 3 users
- Cost effective horizontal lifeline
- For roof installation or horizontal/side-mounted applications on structures

 Independently tested to
Ontario OHS Act
Meets ANSI Standards
KEELINE is a horizontal lifeline system with 5/16 inch Grade 316 stainless steel wire with electro-polished brackets, detachable travellers and powder coated anchors that provides flexible, continuous protection for multiple users working at height. The system incorporates an Inline Shock Absorber that minimizes the loads to an acceptable level for both the user and structure in the event of a fall. The Inline Shock Absorber also allows the system to be installed to various lightweight modern roof constructions. Unlike other systems, there is no need for expensive ‘fall over’ posts at every support, but instead KEELINE features unique ‘see through’ top mount posts with minimal roof penetration required. To ensure simple specification KEELINE installations can be designed using our calculation software. KEELINE is also available for use with the WIREANKA product line of deadweight anchors when there is a preference not to penetrate the roof at all, for permanent or temporary applications. KEELINE conforms to ANSI/ASSE Z359.1 2007, OSHA 1910.66, 1926.502, CAN/CSA Z259, EN795 Class C and AS/NZ S 1891.2 and is CE marked.

Benefits & Features

- Efficient heavy duty in-line absorber negates the need for expensive ‘fall over’ style posts at every bracket position.
- Maximum span in between supports 50 feet
- Accommodates corners and varying building shapes
- Comprehensive range of mounting options
- Horizontal or side-mounted applications
- Traveller enables users to detach or re-attach at any point of the system
- Allows for multiple users
- Durable and weather resistant

- Modular design for easier specification and simplified installation
- Grade 316 Stainless Steel 5/16 inch diameter wire and bracket
- Tested on ‘as built’ roofs for various global markets
- CE Approved to the PPE Guidelines
- The design and specification process is simplified by our unique propriety calculation software
- Easy to design and install
- Available with non-penetrating roof WIREANKA option

KEELINE for STRUCTURES

KEELINE for structures is accomplished with brackets that fix directly to steel, concrete, brick or stonework. This system is suitable for horizontal or side-mounted applications.
**KEE LINE for ROOFS**

**BASE PLATE OPTIONS**

KEE LINE has two base plate options to ensure easier specification and to minimize stock holding. The range of base plates have been designed to suit end, corner and intermediate brackets.

**MR base plates** are for metal profiled roofs.
- Attached with rivets - minimal penetration required
- Includes iso-butyl sealing strip to maintain roofs integrity and eliminate any leaks
- Pre-drilled hole centers: 12in and 14.6 in

**MR base plates** are for standing seam roofs.
- Fixed with non penetrating S5 clamps
- Pre-drilled hole centers: 16in, 18in and 24in

**FR base plates** are for membrane roofs with metal deck.
- Top mounted with resin fix anchors centers: 15.6in, 13in and 18.3in
- Fixing centers: 15.6in, 13in and 18.3in to suit wide range of standard deck profiles

**FR base plates** are for membrane roofs with concrete deck.
- Top mounted with resin fix anchors centers: 15.6in, 13in and 18.3in
KEELINE for Roofs using Postanka

The Kee Safety POSTANKA product range offers an alternative attachment method when the roof structure is unsuitable for KEELINE top mount anchors.

POSTANKA’s are designed to be installed directly to the building supporting structure for example on traditional sloping roofs, historical buildings, or directly to concrete roof decks for KEELINE systems on green roofs or for rope mount (abseil) anchor points. Conforms to ANSI/ASSE Z359.

FIXED ANCHOR POINT

A welded pedestal fixed anchor has a flat base plate with slotted holes to enable it to be specified for a wide range of steelwork flange widths or alternatively for mounting directly to the top of concrete roof decks with suitable fasteners. The design does not require any strengthening gussets so it makes it easy to weatherproof by an approved roofing contractor. All systems are designed for components that are rated for the industry standard 900 pounds maximum arresting force (MAF). MAF is defined as the shock force the body feels when decelerating from a fall. For applications with higher potential force custom systems can be specially designed as high as the OSHA specified 1800 lbs MAF.

POSTANKA OPTIONS

Kee Safety provides a range of POSTANKA types quickly designed and manufactured to suit the clients specific application. Galvanized finish to BS ISO EN 1461.

Site information required:
• Detail of support beam
• Height of POSTANKA above beam
• Fastener/fixing detail
• Desired Loading Requirements

The Type 3 post features an adjustable pedestal, ideal for irregular support structures or roof constructions.

The Type 6 is suitable for steelwork and concrete fixing.