

UFF4000 IMPACT SERIES for Roof Deck, Wall/Column and Ceiling Mount Applications

HORIZONTAL LIFELINE SYSTEMS

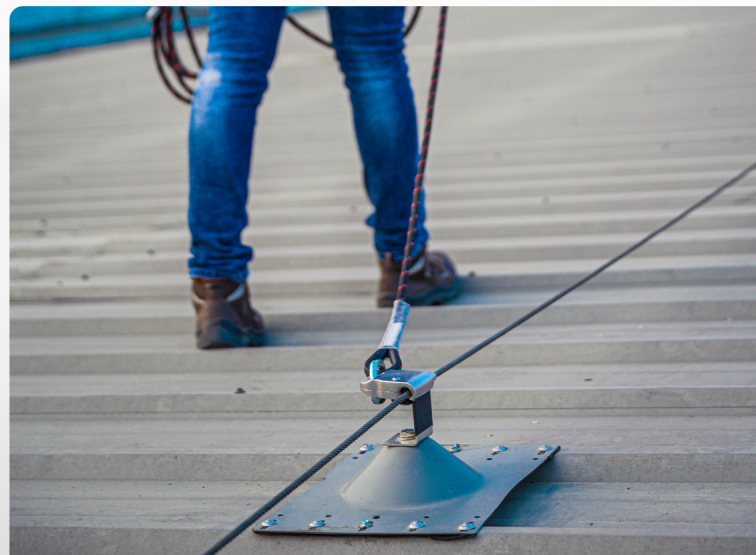


OVERVIEW

KStrong UFF4000 Impact™ engineered horizontal lifelines are designed for both commercial and industrial applications. Our roof mount, column/wall mount and ceiling mount systems are designed to keep workers safer in addressing requirements for maintenance, cleaning, access and inspections. They provide a permanent connection for up to 4 workers without the need to disconnect along the entire length of the horizontal lifeline through the use of intermediate posts/anchors.

HIGHLIGHTS

- Conforms to all OSHA codes and Applicable ANSI standards and is also third party certified to EN795:2012 Type C and TS 16415:2013, Norms EN 13463-1: 2009 and EN 13463-5: 2003
- Certified by Sira for ATEX to comply with use in potentially explosive atmosphere
- Ideal choice for use in Industries like Petroleum/ Petro-Chemical Plants without fear of causing explosion due to any spark



HORIZONTAL LIFELINE SYSTEMS

- UFF4000 Wire Rope (Roof Mounted)
- UFF4000 Wire Rope (Wall/Column, Ceiling & Floor Mounted)

VERTICAL LIFELINE SYSTEMS

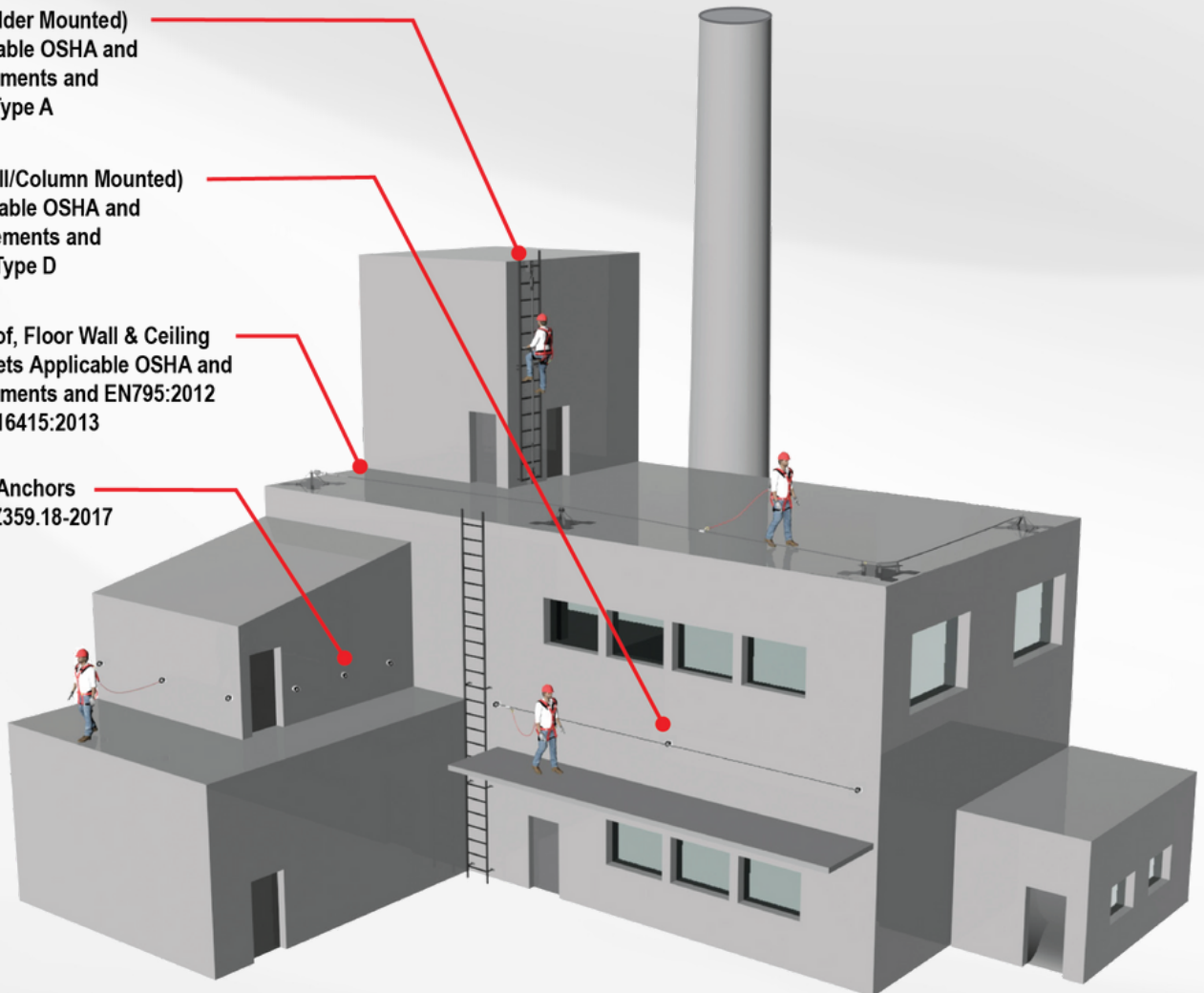
- UFF7000 Wire Rope (Ladder Mounted)

UFF7000 (Ladder Mounted)
Meets Applicable OSHA and
ANSI Requirements and
EN795:2012 Type A

UFF4000 (Wall/Column Mounted)
Meets Applicable OSHA and
ANSI Requirements and
EN795:2012 Type D

UFF4000 (Roof, Floor Wall & Ceiling
Mounted) Meets Applicable OSHA and
ANSI Requirements and EN795:2012
Type C & TS 16415:2013

Single Point Anchors
Meets ANSI Z359.18-2017



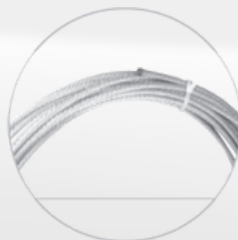
UFF4000 (WALL/COLUMN MOUNTED)



Universal Extremity Plate
UFF113710



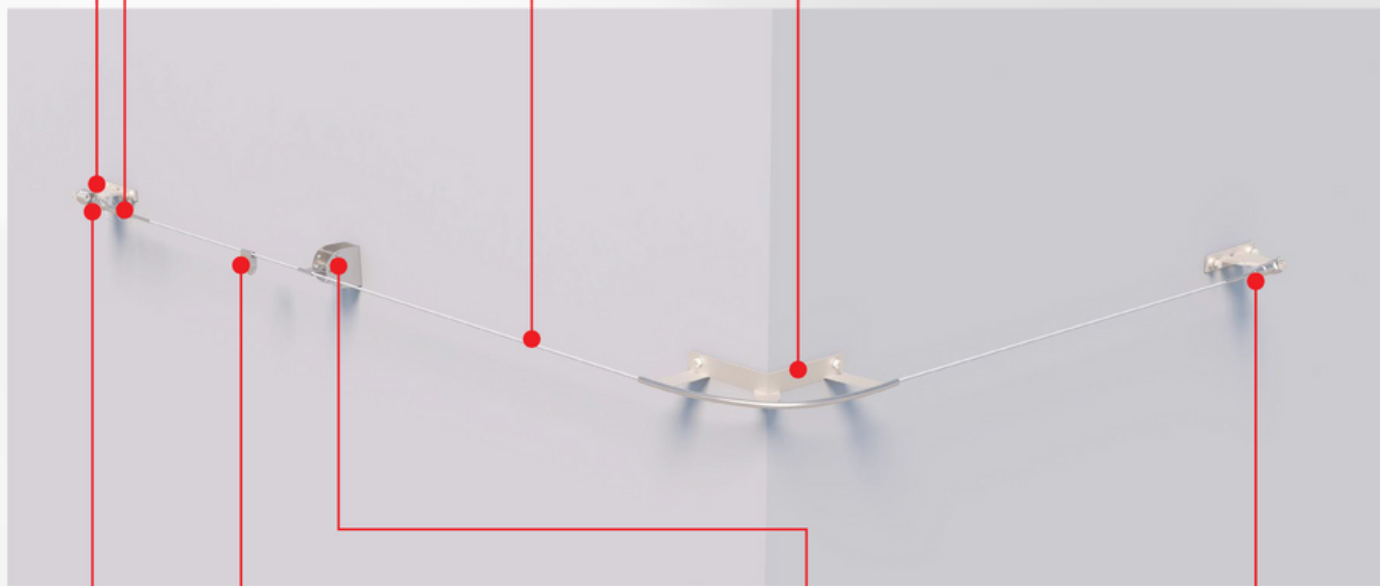
Swaged Tensioner
UFF114100



Wire Rope (Cable Wire)
UFF518XXX(S)



Corner Bracket
UFA55206(90)



Shock Absorber
UFF112100



Traveler
UFF119100



Intermediate
UFF111510



Swaged Cable Extremity
UFF113210

UFF4000 (CEILING MOUNTED)



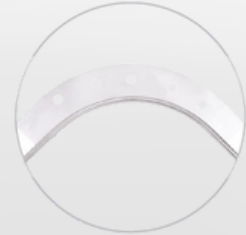
Universal Extremity Plate
UFF113710



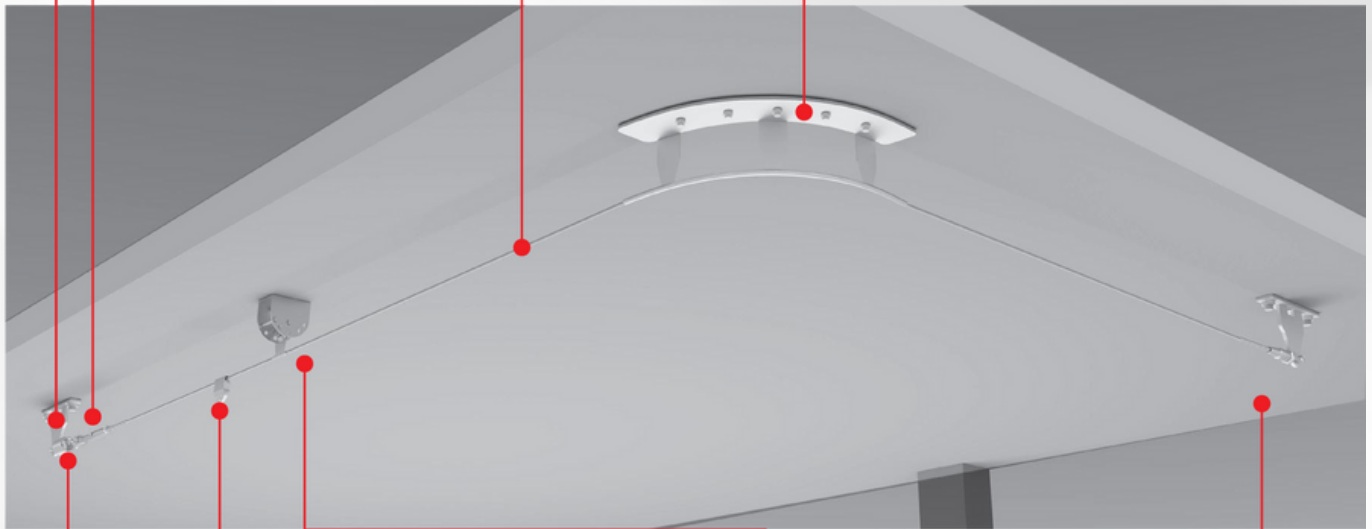
Swaged Tensioner
UFF114100



Wire Rope (Cable Wire)
UFF518XXX(S)



Corner Bracket
UFA55204(90)



Shock Absorber
UFF112100



Traveler
UFF119100



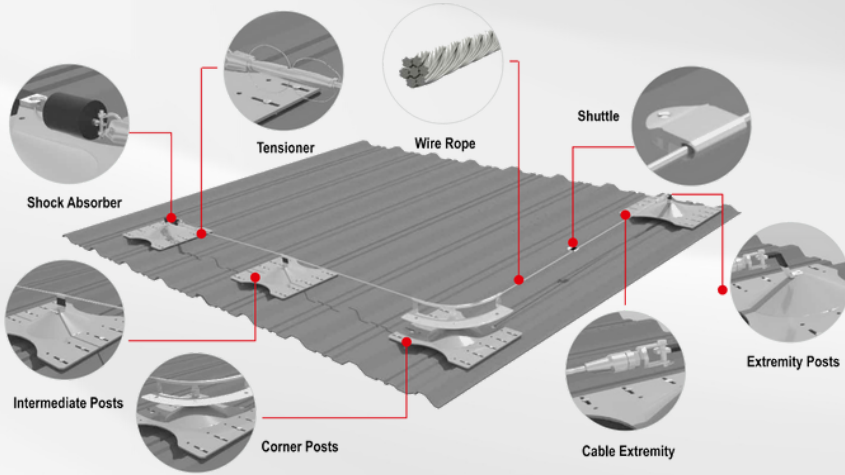
Intermediate
UFF111510



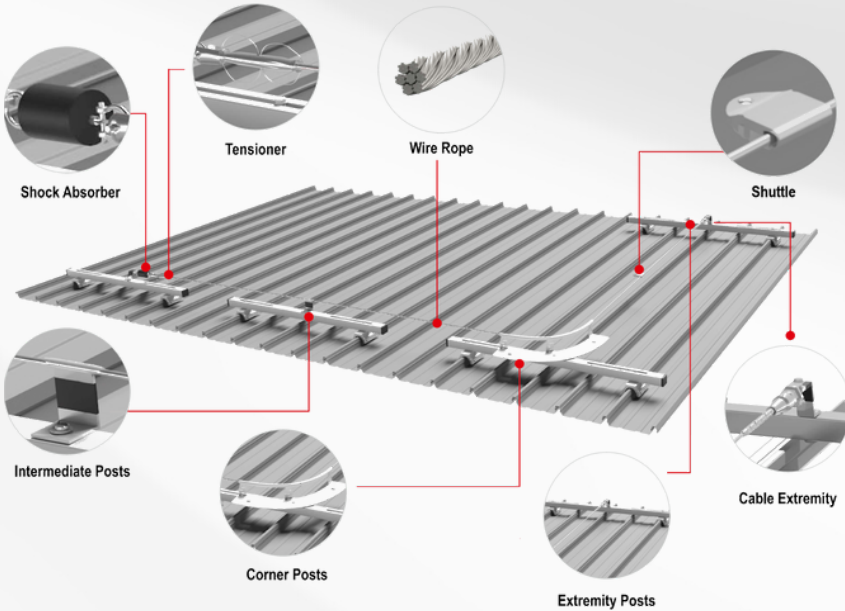
Swaged Cable Extremity
UFF113210

ROOF/FLOOR MOUNT APPLICATION IMPACT COMPONENTS

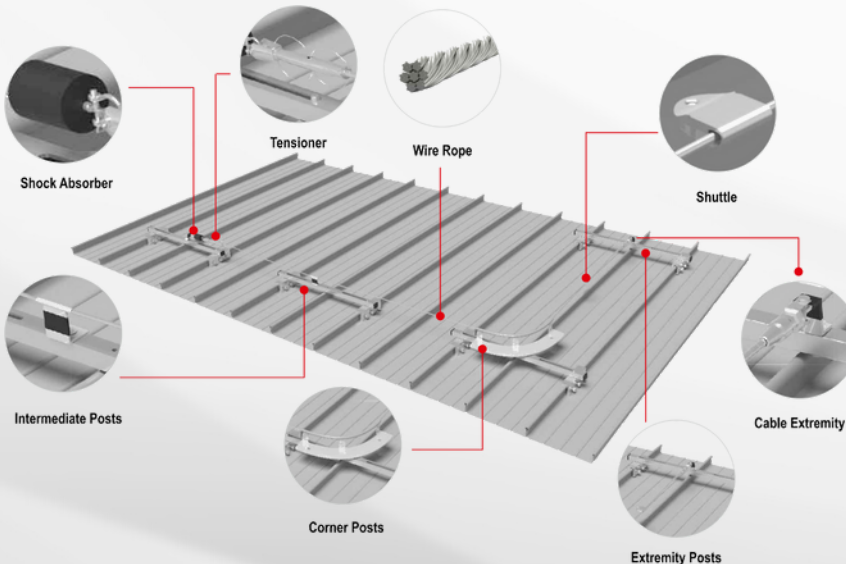
TRAPEZOIDAL ROOF PROFILE



KLIPOK ROOF PROFILE



STANDING SEAM ROOF PROFILE



FEATURES

- Certified for up to 4 users
- Manufactured from 6061 T6 Aluminum and 316 Stainless Steel
- Suitable for Trapezoidal, Standing Seam, Kiplock, R-Panel and Built-Up Membrane roof profiles
- 8mm wire cable thickness (grade 316)
- Suitable for both fall arrest and fall restraint
- Built-in shock absorber with tension indicator
- Passed system operating temperatures between -40°C to $+60^{\circ}\text{C}$
- Uses water proof rivets and self drilling screws to attach the system base plates to the roof deck. Depending on the roof deck profile, the use of toggle bolts may be used.



SPECIFICATIONS

- The IMPACT Cable Line Fall Arrest System meets all applicable OSHA codes and ANSI standards and is certified to EN795:2012 Type A, B, C, and CEN/TS 16415:2013. It is suitable for up to four users simultaneously. It is also being certified by Sira (Certification Number: 11ATEX6276X) for ATEX to comply with use in explosive atmospheres which conforms to Norms EN 13463-1:2009 and EN 13463-5:2003. Shuttle conforms and is certified to EN795:2012 Type B anchor device.
- Flexible anchor line with linear elastic performance properties with a defined elastic coefficient. The impact load generated by a fall arrest event will not exceed 2,248 lbs. (10Kn) as applied to the structure. Energy absorber can absorb up to 5,753ft./lbs. (7800 joules).
- The fall arrest system will be suitable for unrestricted use by up to four users at any one time and any point along the length of the system including between two anchor brackets.
- The rooftop anchor post is manufactured from 316 stainless steel, 6061 T6 Aluminum, 6005 T5 Aluminum which suitable for metal roof and PEB structures.
- The span distance shall be between 40 ft. (12m) to 50 ft. (15m) between end, corner, and intermediate anchor brackets.
- Wire Rope to be Ø8mm 7 x 19 and 7 x 7 316 stainless steel wire cable with a 7,643 lbf. (34Kn) minimum breaking load.
- The swage termination is manufactured from 316 stainless steel. The swaging is done using a 29,225 lbf. (130kn) hydraulic swaging hand tool and hexlock dies at 6 positions.
- Extremity, corner, and intermediate brackets manufactured from 316 stainless steel.
- Labeled according to applicable ANSI and EN 365:2004 General requirements for instruction for use, maintenance, periodic examination, repair, marking, and packaging in accordance with OSHA, ANSI and EN365.
- System Design, application, installation, maintenance, repair, annual inspection, and certification undertaken only by KStrong Registered Installers. Details provided upon request.



WARRANTY & SERVICES

- All systems come with a warranty period of 12 months.
- All systems are thus further warrantied with 20 years provided they are inspected once annually according to the requirements of OSHA, ANSI and EN365.
- Competent Person Training on the Inspection, Use and Maintenance of any system will be provided along with Competent Person Certificate.
- Competent Person training on how to conduct periodic inspection will be provided.



RECOMMENDED PPE

While working on a roof the user can select from a range of KStrong fall protection PPE to work safely with either Lanyards, Rope lines or SRL's in conjunction with a Full Body Harness.



Energy Absorbing
Webbing Lanyard
UFL201101



Rope Line with
Shock Absorber
UFA751201



6 ft. Micron™
SRL UFS351102



Full Body
Roofers Harness
UFH10201G



FULL-SERVICE PROVIDER

KStrong is one of the world's largest Full-Service Providers of Fall Protection including Engineered Fall Protection System, Design, Installation and Training Services. With over 4000 employees worldwide and nearly 43 acres of production under roof, KStrong is well positioned to help your company protect its most valuable assets, its employees.

CONTACT US

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