

# AFF4000 IMPACT SERIES

## HORIZONTAL LIFELINE SYSTEM

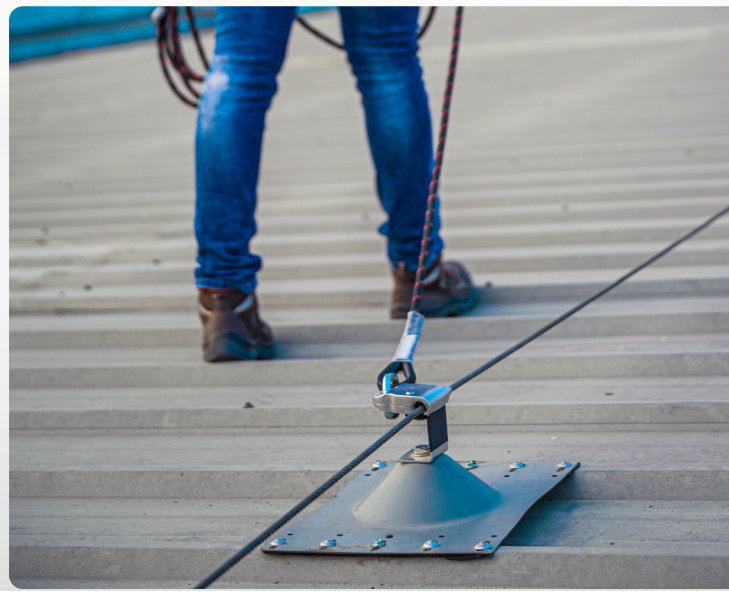


### OVERVIEW

The AFF4000 IMPACT lifeline series is designed for commercial and industrial buildings of all structural types and covers all your working-at-heights requirements for maintenance, cleaning, access and inspections. It provides a permanent connection for up to 4 users without interruption along the entire length of the horizontal wire cable line through the intermediate posts, thus ensuring 100% anchorage of the user at all times.

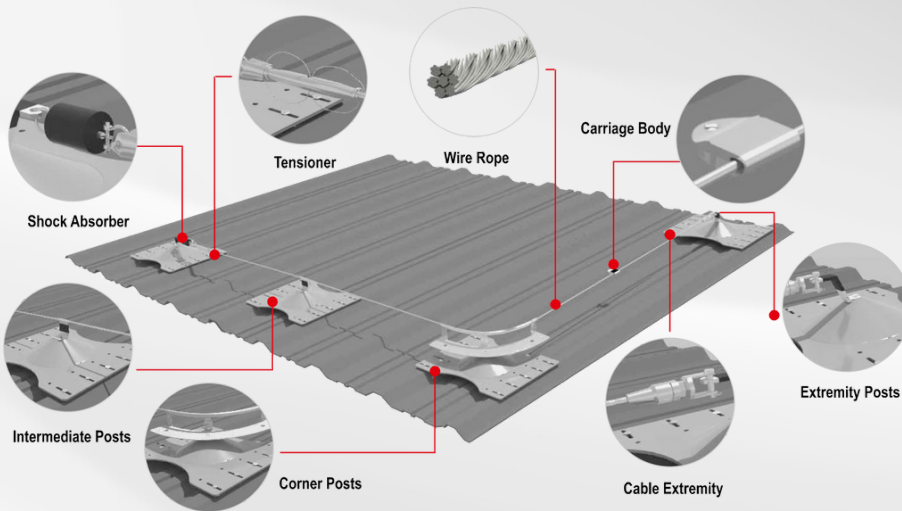
### HIGHLIGHTS

- Conforms 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

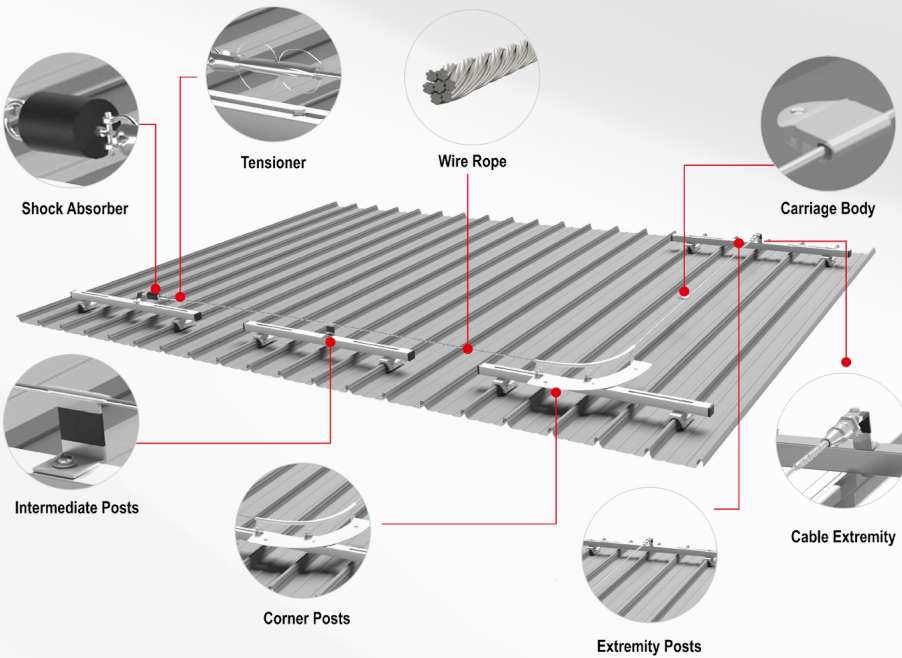


# IMPACT COMPONENTS

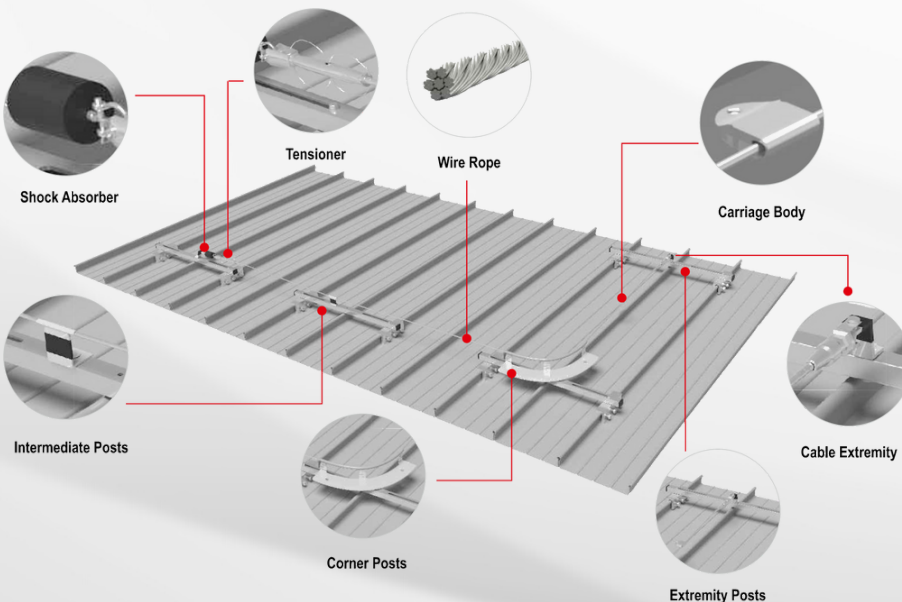
## TRAPEZOIDAL ROOF PROFILE



## 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, and Kliplok Roof Profiles
- 8mm wire cable thickness (grade 316)
- Suitable for both fall arrest and fall restraint
- Inbuilt shock absorber with tension indicator
- Passed system operating temperatures between  $-40^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$
- Uses water proof rivets and self drilling screws to attach to the roof posts





# SPECIFICATIONS

- The IMPACT Cable Line Fall Arrest System 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. Carriage Body 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 the fall arrest systems doesn't exceed 10kN as applied to the structure. Energy absorber can absorb up to 7,800 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 12 m to 15 m between end, corner, and intermediate anchor brackets.
- Wire Rope to be  $\varnothing$  8 mm 7 x 19 316 stainless steel wire cable with a 34 kN minimum breaking load,
- The swage termination is manufactured from 316 stainless steel. The swaging is done using a 130kN hydraulic swaging hand tool and hexlock dies at 6 positions.
- Extremity, corner, and intermediate brackets manufactured from 316 stainless steel.
- Labeled according to EN 365:2004 General requirements for instruction for use, maintenance, periodic examination, repair, marking, and packaging in accordance to EN795.
- System Design, application, installation, maintenance, repair, annual inspection, and certification undertaken only by KStrong Registered Installers. Details provided upon request



# WARRANTY & SERVICES

- The system comes with a warranty period of 12 months
- The systems are thus further warrantied with 20 years provided they are inspected once annually according to the requirements of EN365
- Competent person training to use the systems will be provided with the competent person certificate
- Competent person training to conduct the 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  
AFL408131



Work Positioning Lanyard with Grip Adjuster  
AFL405111



Rope Line with Shock Absorber  
AFA951201



2m Micron SRL  
AFS5500022



Full Body Roofers Harness  
AFH300203

# CONTACT US



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