

KSTRONG[®]
UNRIVALED SAFETY.

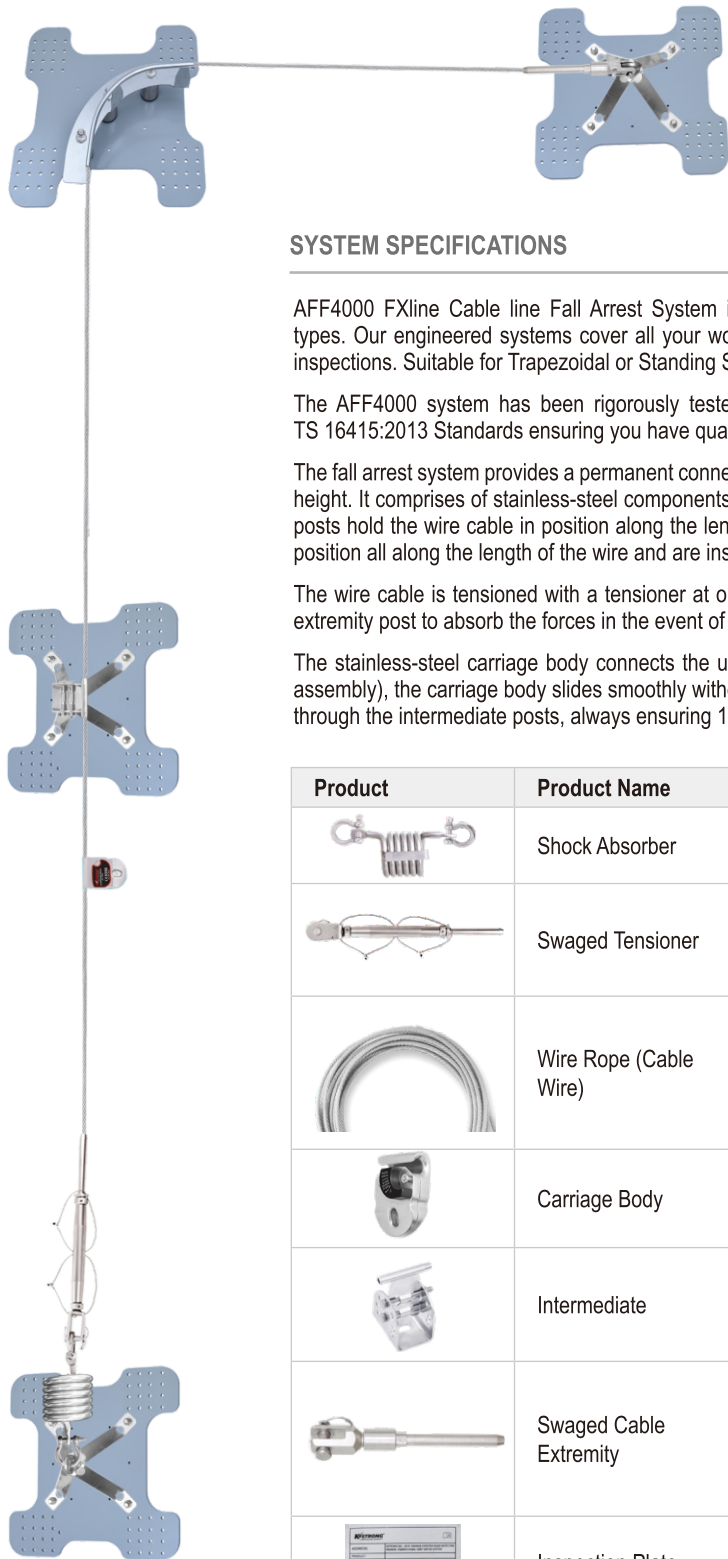
HORIZONTAL

ENGINEERED SYSTEMS

Horizontal Anchorage Lifeline System on Rigid Cable Line

AFF4000 (Roof Mounted)

EN 795:2012 Type C
TS 16415:2013



SYSTEM SPECIFICATIONS







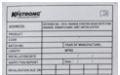
AFF4000 FXline Cable line Fall Arrest System is designed for commercial and industrial buildings of all structural types. Our engineered systems cover all your working at height requirements for maintenance, cleaning, access and inspections. Suitable for Trapezoidal or Standing Seam Roof Profiles.

The AFF4000 system has been rigorously tested and manufactured in accordance with EN795:2012 Type C and TS 16415:2013 Standards ensuring you have quality and guarantee of any system installed onto your asset.

The fall arrest system provides a permanent connection for 4 users who require to move along fall zones while working at height. It comprises of stainless-steel components, wire cable thickness (grade 316) of 8mm diameter and intermediate posts hold the wire cable in position along the length of the fixed cable line. The Intermediate brackets hold the wire in position all along the length of the wire and are installed at an interval of 5m – 15m's.

The wire cable is tensioned with a tensioner at one end, the other end has an energy absorber connected to the end extremity post to absorb the forces in the event of a fall.

The stainless-steel carriage body connects the user to the fixed cable line using a lanyard or HLL (Horizontal lifeline assembly), the carriage body slides smoothly without interruption along the entire length of the horizontal wire cable line through the intermediate posts, always ensuring 100% anchorage of the user.

Product	Product Name	Product Code	Features
	Shock Absorber	AFF112100	Material: Stainless Steel 304
	Swaged Tensioner	AFF114100	Regulates tensioning of the cable Material: Stainless Steel 316 Feature: Swage termination
	Wire Rope (Cable Wire)	AFF518XXX(S)	Material: Stainless Steel 316 Diameter: 8 mm Construction: 7x19
	Carriage Body	AFF119000	Material: Stainless Steel 316 Feature: Friction Free movement
	Intermediate	AFF111510	Material: Stainless Steel 316 Recommended Installation Every 5-12 mtrs
	Swaged Cable Extremity	AFF113210	Allows crimping of the cable wire at the desired length, and eliminates danger of any loose wire Material: Stainless Steel 316 Feature: Swaged termination
	Inspection Plate	AFF115100	For identification traceability and maintenance of implementation records.



Roof Top Anchor Post Extremity
AFA935100

FEATURES

Roof Top Anchor Post Extremity is designed to be fixed on Galvolume / Trapezoidal Roof sheets (minimum thickness of 0.40mm) at the ends of a Horizontal Lifeline installed on the roof.

The slots in the base plate makes the post adjustable and allows it to be installed on roof sheets of different pitch/rib.

Minimum adjustable opening 225.0mm and Maximum adjustable opening 360.0mm.



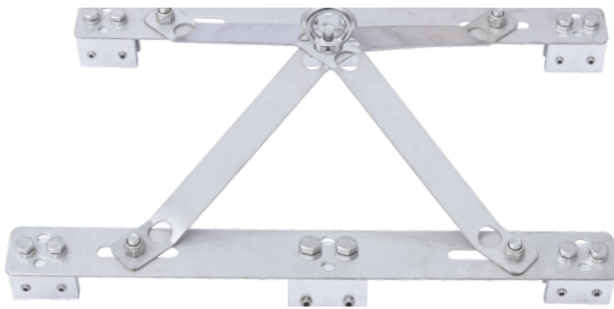
Roof Top Anchor Post Intermediate
AFA935150

FEATURES

Roof Top Anchor Post Intermediate is designed to be fixed on Galvolume / Trapezoidal roof sheets (minimum thickness of 0.40mm) as Intermediate of a Horizontal Lifeline installed on the roof.

The slots in the base plate makes the post adjustable and allows it to be installed on roof sheets of different pitch/rib.

Minimum adjustable opening 225.0mm and Maximum adjustable opening 360.0mm.



Roof Top Anchor Post Extremity
AFA935104

FEATURES

Roof Top Anchor Post Extremity is designed to be fixed on standing seam roof at the ends of a Horizontal Lifeline installed on the roof.

The slots in the base plate makes the post adjustable and allows it to be installed on roof sheets of different seam distance.

Minimum adjustable opening 225.0 mm and Maximum adjustable opening 400.0 mm.



Roof Top Anchor Post Intermediate
AFA935154

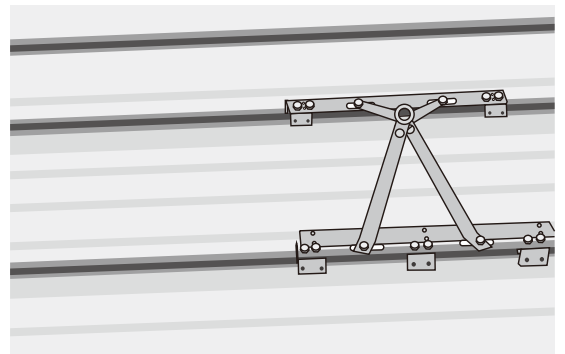
FEATURES

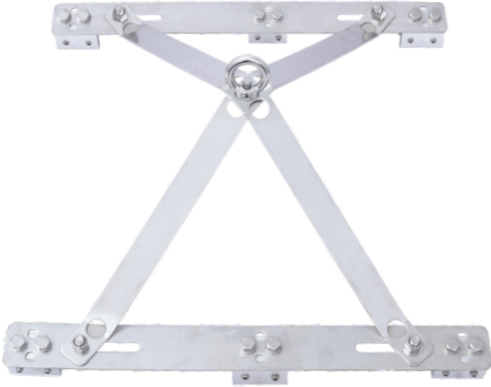
Roof Top Anchor Post Intermediate is designed to be fixed on standing seam roof top as Intermediate of a Horizontal Lifeline installed on the roof.

Minimum adjustable opening 225.0 mm and Maximum adjustable opening 400.0 mm.

TECHNICAL SNAPSHOT

Ref. No.	AFA935100	AFA935150	AFA935104	AFA935154
Material	SS Grade 316	SS Grade 316	SS Grade 316	SS Grade 316
Finish	Electro Polished	Electro Polished	Electro Polished	Electro Polished
Breaking Strength	15kN	15kN	15kN	15kN
Net Weight	3.7kgs	3.5kgs	4.75kgs	4.00kgs
Conforms to	EN795:2012 Type A, TS16415:2013	NA	EN795:2012 Type A, TS16415:2013	NA





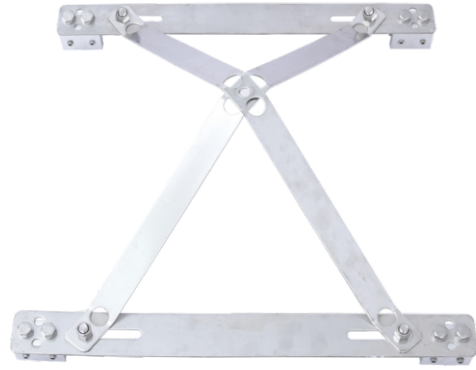
Roof Top Anchor Post Extremity
AFA935105

FEATURES

Roof Top Anchor Post Extremity is designed to be fixed on standing seam roof top at the ends of a Horizontal Lifeline installed on the roof.

The slots in the base plate makes the post adjustable and allows it to be installed on roof sheets of different seam distance.

Suitable for seam distance between 535 mm to 605 mm.

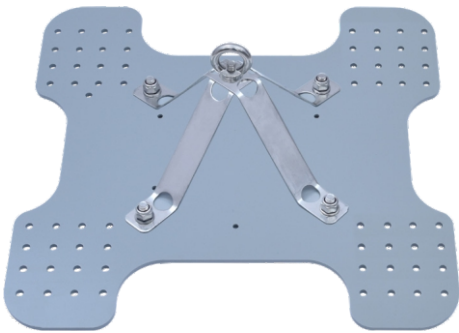


Roof Top Anchor Post Intermediate
AFA935155

FEATURES

Roof Top Anchor Post Intermediate is designed to be fixed on standing seam roof top as Intermediate of a Horizontal Lifeline installed on the roof.

Suitable for seam distance between 535 mm to 605 mm.



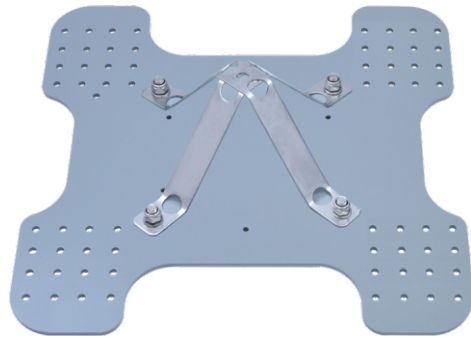
Roof Top Anchor Post Extremity for Galvalume Trapezoidal Roof
AFA935101

FEATURES

Roof top anchor post extremity is designed to be fixed on trapezoidal roof tops (minimum thickness of 0.40mm) at the ends of a Horizontal Lifeline installed on the roof.

The base plate has series of holes to fit on Galvalume/Trapezoidal sheets (minimum thickness of 0.40mm) of different pitch/rib from 217.0mm to 465.0mm.

Anchorage eye on the top provides universal connection and used as an anchorage point.



Roof Top Anchor Post Intermediate for Galvalume Trapezoidal Roof
AFA935151

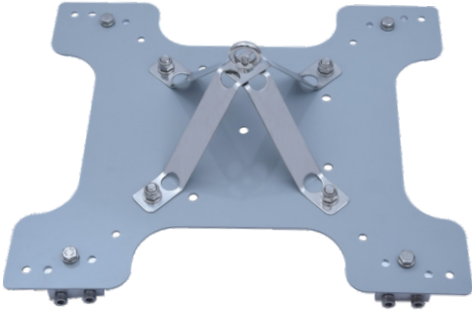
FEATURES

Roof top anchor post intermediate is designed to be fixed on trapezoidal roof tops (minimum thickness of 0.40mm) as intermediate of a Horizontal Lifeline installed on the roof.

The base plate has series of holes to fit on Galvalume/Trapezoidal sheets (minimum thickness of 0.40mm) of different pitch/rib from 217.0mm to 465.0mm.

TECHNICAL SNAPSHOT

Ref. No.	AFA935105	AFA935155	AFA935101	AFA935151
Material	SS Grade 316	SS Grade 316	SS Grade 316	SS Grade 316
Finish	Electro Polished	Electro Polished	Electro Polished	Electro Polished (with ED Coated Grey Base Plate)
Breaking Strength	15kN	15kN	15kN	15kN
Net Weight	5.00kgs	4.25kgs	5.07kgs	4.92kgs
Conforms to	EN795:2012 Type A, TS16415:2013	NA	EN795:2012 Type A, TS16415:2013	NA



**Roof Top Anchor Post Extremity for Standing Seam Roof
AFA935102**

FEATURES

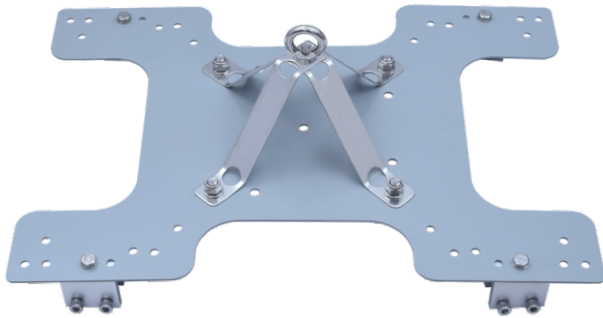
Roof top anchor post extremity is designed to be fixed on standing seam roof top at the ends of a Horizontal Lifeline installed on the roof.
The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 500 mm.



**Roof Top Anchor Post Intermediate for Standing Seam Roof
AFA935152**

FEATURES

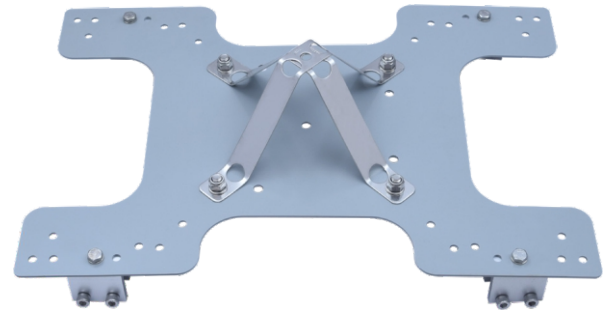
Roof top anchor post intermediate is designed to be fixed on standing seam roof top as intermediates of Horizontal Lifeline installed on the roof.
The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 500 mm.



**Roof Top Anchor Post Extremity for Standing Seam Roof
AFA935103**

FEATURES

Roof top anchor post extremity is designed to be fixed on standing seam roof top as extremity at the ends of Horizontal Lifeline installed on the roof.
Anchorage eye on the top provides universal connection and used as an anchorage point.
The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 650 mm.



**Roof Top Anchor Post Intermediate for Standing Seam Roof
AFA935153**

FEATURES

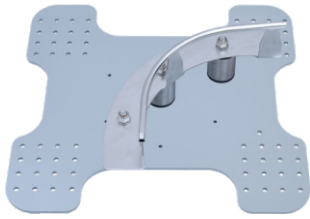
Roof top anchor post intermediate is designed to be fixed on standing seam roof top as intermediate of a Horizontal Lifeline installed on the roof.
The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 650 mm.

TECHNICAL SNAPSHOT

Ref. No.	AFA935102	AFA935152	AFA935103	AFA935153
Material	SS Grade 316	SS Grade 316	SS Grade 316	SS Grade 316
Finish	Electro Polished (with ED Coated Grey Base Plate)	Electro Polished (with ED Coated Grey Base Plate)	Electro Polished (with ED Coated Grey Base Plate)	Electro Polished (with ED Coated Grey Base Plate)
Breaking Strength	15kN	15kN	15kN	15kN
Net Weight	6.53kgs	6.32kgs	7.18kgs	6.81kgs
Conforms to	EN795:2012 Type A, TS16415:2013	NA	EN795:2012 Type A, TS16415:2013	NA

Corner Post for Galvolume/Trapezoidal Roof

Roof top Corner post is designed to be fixed on Galvolume/Trapezoidal roofs (minimum thickness of 0.40mm) at the curve of 60°, 90°, 120° of Horizontal Lifeline installed on the roof. The base plate has series of holes to fit on Galvolume/Trapezoidal sheets of different pitch/rib from 217.0mm to 465.0mm.



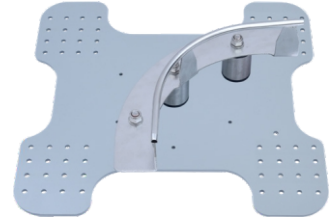
AFA935201(60°)

Kgs 6.13kgs



AFA935201(90°)

Kgs 6.15kgs



AFA935201(120°)

Kgs 6.09kgs

Corner Post for Standing Seam Roof

Standing Seam Roof top corner post is designed to be fixed on standing seam roof top at the curve of 60°, 90°, 120° of Horizontal Lifeline installed on the roof. The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 500 mm.



AFA935202(60°)

Kgs 8.15kgs



AFA935202(90°)

Kgs 8.17kgs



AFA935202(120°)

Kgs 8.43kgs

Corner Post for Standing Seam Roof

Standing Seam Roof top corner post is designed to be fixed on standing seam roof top as intermediate at the curve of 60°, 90°, 120° of Horizontal Lifeline installed on the roof.

The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 500 mm.



AFA935203(60°)

Kgs 9.51kgs



AFA935203(90°)

Kgs 9.53kgs



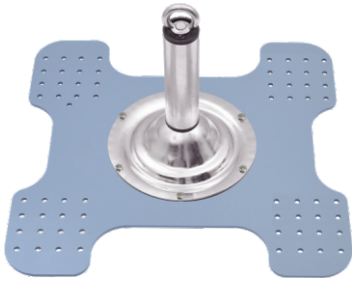
AFA935203(120°)

Kgs 9.49kgs

TECHNICAL SNAPSHOT

Ref. No	Material	Finish	Breaking Strength	Conforms to
AFA935201	SS Grade 316	Electro Polished (with ED Coated Grey Base Plate)	15kN	EN795:2012 Type A
AFA935202	SS Grade 316	Electro Polished (with ED Coated Grey Base Plate)	15kN	EN795:2012 Type A, TS16415:2013 Type A
AFA935203	SS Grade 316	Electro Polished (with ED Coated Grey Base Plate)	15kN	EN795:2012 Type A

ANCHOR POSTS



Energy Absorber Post for Trapezoidal Roof
AFA935310

FEATURES

Energy absorber post designed for 4 users to be installed on trapezoidal roof top.

Designed with an inbuilt shock absorption mechanism which activates in event of a fall and reduces the forces on the user.

Easy and Quick to install.

The post deploys in an event of a fall to absorb the energy and hence protects the roof from damage.

The base plate has series of holes to fit on Galvolume/ Trapezoidal sheets (minimum thickness of 0.40mm) of different pitch/rib from 217.0mm to 465.0mm.



Constant Force Energy Absorber Post for Trapezoidal Roof
AFA935320

FEATURES

Constant force energy absorber post designed for 4 users to be installed on trapezoidal roof top.

Designed with an inbuilt shock absorption mechanism which activates in event of a fall and reduces the forces on the user.

Easy and Quick to install.

The post deploys in event of a fall to absorb the energy and hence protects the roof from damage.

The base plate has series of holes to fit on Galvolume/ Trapezoidal sheets (minimum thickness of 0.40mm) of different pitch/rib from 217.0mm to 465.0mm.



Energy Absorber Post for Standing Seam Roof
AFA935330

FEATURES

Universal Energy Absorber Post designed for 4 users to be installed on variety of standing seam roof profiles.

It is designed to be installed on standing seam roof top with help of specially designed seam clips.

Designed with inbuilt shock absorption mechanism which activates in event of a fall and reduces the forces on the user. Easy and quick to install with help of seam clips.

The post deploys in an event of a fall to absorb the energy and hence protects the roof from damage.



Constant Force Energy Absorber Post for Standing Seam Roof
AFA935340

FEATURES

Constant force energy absorber post designed for 4 users to be installed on standing seam roof.

Designed with an inbuilt shock absorption mechanism which activates in an event of a fall and reduces the forces on the user.

Easy and Quick to install.

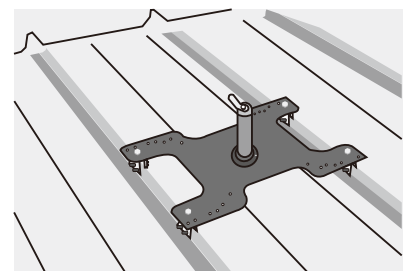
The post deploys in event of a fall to absorb the energy and hence protects the roof from damage.

The base plate has series of holes to fit on standing seam roof with different seam distance between 300 mm to 500 mm.

TECHNICAL SNAPSHOT

Ref. No.	AFA935310	AFA935320	AFA935330	AFA935340
Material	SS Grade 316	SS Grade 316	SS Grade 316	SS Grade 316
Finish	Electro Polished	Electro Polished	Electro Polished	Electro Polished
Breaking Strength	15kN	15kN	15kN	15kN
Weight	10.56kgs	12.38kgs	7.49kgs	10.41kgs

Conforms to	EN795:2012 Type A, TS16415:2013	EN795:2012 Type A, TS16415:2013	EN795:2012 Type A, TS16415:2013	EN795:2012 Type A, TS16415:2013
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