



USER INSTRUCTION MANUAL
EDGE STRAIGHT BAR STEEL ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFA930552

EN 795:2012 Type A

Please read and understand the manufacturer's instructions for each component or part of the complete system. Manufacturer's instructions must be followed for proper use, care, and maintenance of this product. These instructions must be retained and be kept available for the user's reference at all times. Alterations or misuse of this product, or failure to follow instructions, may result in serious injury or death.

Note: The user is advised to keep this user instructions document for the life of the product.

1. INTRODUCTION:

This Anchor is compliance with European Standard EN 795:2012 Type A for one user.

Quick and Easy to install, this Anchor is designed to be installed on Trapezoidal roof top.

These post deploys in the event of fall to absorb the energy hence leaves the roof panel intact to maintain architectural integrity.

2. PERFORMANCE AND LIMITATIONS OF USE:

This Anchor has been tested in accordance with EN 795:2012 Type A and has achieved the following performance levels-

EN 795:2012 Type A	Result/Comment
General Requirements for Anchor devices (Clause 4.1)	(PASS) No sharp edges (PASS).
Static Strength (Clause 4.4.2.3)	Sustained a force of 12 kN for 3 minutes (PASS).
Dynamic Strength & Integrity Test (Clause 4.4.1.2)	When tested with rigid steel mass of 100 kg, the test mass held after test with the device remaining stable throughout. (PASS). Anchor Holds an increased load of 300kg for 3 min following dynamic test.
Corrosion Resistance (Clause 4.2.2.1)	No corrosion evident after 48 hours of salt spray testing. (PASS)

3. APPLICATION:

The EDGE Straight Bar Anchor is designed to be fixed on trapezoidal roof with help of screws directly on the purlins of the structure. Eye having Ø25.0mm to be used as anchor point.

4. INSPECTION:

- Visually inspect the system before each use to ensure that it is in a serviceable condition and is operating correctly. If during inspection, doubts are raised about the safety of the system or a component, these should be replaced either by the manufacturer or a competent person.
- A formal inspection of fall protection products/components must be performed preferably every six months or at least annually by a competent person other than the user. The frequency of formal inspections should be based on conditions of use or exposure. Record the inspection results in the inspection and maintenance log at the end of this manual. The component should be checked for cut, frayed, heavily soiled, welding burns etc. Metal parts like D-rings should be duly check for the crack, bent, deformities, corrosion etc.

5. ROOF INSPECTION

- As per EN 795:2012 Type A, ensure that the anchor plate to which the Roof Sheeting would be attached is able to sustain a load of minimum 12 kN for a single person.
- DO NOT use such area for installation where any signs of excessive rust, missing or loose roof nails or screws, tears or splits in the metal or damaged purlins is being found.
- Consult an Engineer if the height safety supervisor inspecting the roof is doubtful whether the anchorage is structurally adequate or not, as per EN 795:2012 Type A.

6. PRECAUTIONS:

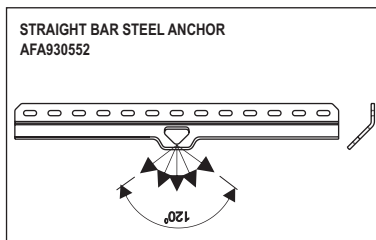
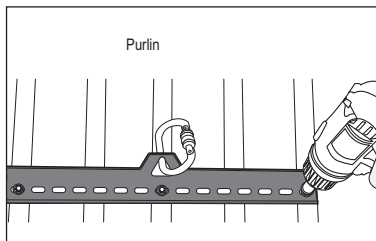
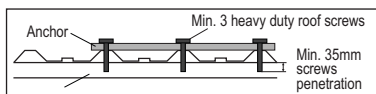
- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- The equipment shall only be used by a person trained and competent in its safe use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- Ensure that the anchor is installed directly above the user's head.
- Ensure that the equipment is compatible with other items when assembled into a system.
- It is essential to verify free space required beneath the user at work place before each occasion of use so that in case of a fall there will be no collision with ground or other obstacle in the fall path.

7. PRE-USE CHECK:

- It is important to check before use, any dangers that may arise by the use of combinations of items of the equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- Carry out a pre-use check of the system, to ensure that it is in a serviceable condition and operates correctly before it is used.
- Ensure the compatibility of items of equipment when assembled into a system.

8. INSTALLATION OF STRAIGHT BAR STEEL ANCHOR

- The anchor and the roof is to be inspected as per the instructions above and as EN 795:2012 Type A.
- A minimum of 3 heavy duty screws with a head radius of 25 mm is required to penetrate at least 35 mm into the purlin.
- Locate the appropriated fixing point on the roof.
- The anchor is to be placed perpendicularly to the trapezoidal roof onto the roofing structure. The slots of the anchor (used to fix the screws) must be aligned with the purlin.
- To achieve 12 kN strength, the anchor must be fixed with minimum of 3 suitable heavy duty roof screws.
- Fit karabiner to loading eye with locking device facing upward.
- Put rope through karabiner and ensure karabiner has fitted correctly.
- To ensure safety, work from a minimum of 2M distance from an unprotected edge. Reverse the installation process to remove the anchor plate.



9. ANCHORAGE STRENGTH:

Ensure that the structure on to which the anchor is fitted is strong enough to withstand a load of 12kN.

10. COMPATIBILITY:

To optimise protection, in some instance it may be necessary to use the anchorage sling with suitable PPE such as: boots/gloves/helmet and ear protection. In this case, before carrying out the risk-related activity, consult your supplier to ensure that all your protective products are compatible and suitable for your application.

11. LIMITATION:

- It should be the personal property of the user.
- It should not be used in highly acidic or basic environment.
- The anchor has been tested to EN 795:2012 Type B is appropriate only for single person use with an energy absorber as per EN 355:2002.
- It is essential for the safety of the user that if the product is resold outside the original country of destination, the reseller shall provided instruction for use, for maintenance, periodic examination and for repair in the language of the country in which product in to be used.
- Anchor device should only be used for personal fall protection equipment and not for lifting equipment.

12. REPAIR:

If the product becomes damaged, it will NOT provide the optimum level of protection, and therefore should be immediately removed from service. It needs to be inspected to see if it is replaced or repaired. Never use the damaged product. Repair is only permitted by the manufacturer or a nominated repair centre or individual approved by the manufacturer.

13. CLEANING & MAINTENANCE:

In case of minor soiling, wipe the anchor with cotton cloth or a soft brush. Do not use any abrasive material. For intensive cleaning wash the anchor in water at a temperature between 30°C to 60°C by using a neutral detergent (pH 7). The washing temperature should not exceed 60°C. Do not use acid or basic detergents.

14. STORAGE AND TRANSPORT:

When not in use, store the anchor away from heavily acidic or basic environment. Never place heavy items on top of it. Also ensure that it is stored away from chemically hazardous environment preferably storage should be in dry environment.

15. WITHDRAWAL FROM USE:

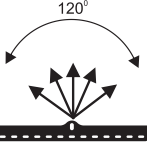
If the system has been used to arrest a fall, it should be removed from service and returned to the manufacturer or a competent repair centre for servicing and re test.

16. WARNING

- Do not make any alterations or additions to the equipment without the manufacturer's prior written consent and that any repair shall only be carried out by personnel trained by the manufacturer & duly authorized by him.
- The equipment shall not be used out side its limitation, or for any purpose other than that for which it is intended.

MARKING

KSTRONG® UNRIVALED SAFETY. FLAT BAR ANCHOR AFA930552	(iv) UID: XXXXXXXXXXXXX	QR CODE	EN795:2012 Type A (v)
	(iii) Date of mfg.: MM/YYYY		
	(vi) MBS: 15kN		Fall not to exceed 2 meters. Only competent users should use this equipment.
	KStrong Inc. 150 N. Radnor Chester Road Suite F200 Radnor, Pennsylvania 19087 United States	MAX 	KStrong.com Made In India



LOAD DIRECTION

WARNING
ENSURE ROOF STRUCTURE TO WHICH ANCHOR PLATE IS INSTALLED IS SUITABLE FOR THE APPLIED LOAD, THEN THREE (3) SUITABLE ROOF SCREWS MUST BE SECURED TO THE ROOF TRUSS/ PURLIN IN ACCORDANCE WITH INSTRUCTIONS TO ENSURE 15kN RATING IS REACHED.

- This anchor plate should only be used by competent users trained in height safety
- The Safety Instructions MUST be followed at all times
- This anchor plate is not supplied with an internal energy absorber; please contact the manufacturer if required.
- This anchor plate system is just one part of good height safety practice; other equipment and accessories must be used in conjunction with this anchor plate so as to ensure safer fall arrest or restraint use. All such equipment must comply with EN 795 standards.

The Anchor is marked with:

- (i) Identification of the manufacturer
- (ii) Type or product code marking
- (iii) Mfg. Date
- (iv) UID. for traceability
- (v) Norm Reference.
- (vi) Minimum Breaking Strength

LIFESPAN: The estimated product Lifespan is 10 years from the date of manufacture. The following factors can reduce the Lifespan of the product: intense use, contact with chemical substances, specially aggressive environments, extreme temperature exposure, UV exposure, abrasions, cuts, violent impacts, bad use or maintenance.

DISCLAIMER: Prior to use, the end user must read and understand the manufacturer's instructions supplied with this product at the time of shipment and seek training from their employer's trained personnel on the proper usage of the product. Manufacturer is not liable or responsible for any loss, damage or injury caused or incurred by any person on grounds of improper usage or installation of this product.

EQUIPMENT RECORD				
Product				
Model & type/identification		Trade Name		Identification number
Manufacturer		Address		Tel, email into use
Year of manufacture		Purchase Date		Date first put into use
Other relevant information (eg. document number)				
PERIODIC EXAMINATION AND REPAIR HISTORY				
Date	Reason for entry (periodic examination or repair)	Defects noted, repairs carried out and other relevant information	Name and signature of competent person	Periodic examination next due date

Certification Body:

SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin D15 YN2P Ireland (Notified Body 2777)

Ongoing Assessment Body:

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland (Notified Body 0598)

For EU Declaration, please visit <https://kstrong.com/asia/eu-declaration-form/>



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