



USER INSTRUCTION MANUAL
T BAR STEEL ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFA930551

CE 0598
EN 795:2012 Type B

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 classed as a Personal Protective Equipment (PPE) by the European PPE Regulation (EU) 2016/425 and has been shown to comply with this Regulation through the Harmonized European Standard EN 795:2012 Type B.

This Anchor is designed to minimise the risk of/provide protection against the danger of falling from heights. **However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk relation activity.**

- 2. PERFORMANCE AND LIMITATIONS OF USE:**

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

EN 795:2012 Type B	Result/Comment
General (Clause 4.1)	(PASS)
Static Strength (Clause 4.4.2.3)	Sustained a force of 12 kN for 3 Min. (PASS)
Dynamic Strength (Clause 4.4.2.2)	When tested with rigid steel mass of 100 kg, the test mass held after test with the remaining stable throughout. (PASS) Load Direction 1- Peak force of 9.1kN; Maximum deflection 20mm; Displacement Point 17mm
Corrosion Resistance (Clause 4.2.2.2)	No corrosion evident after 48 hours of salt spray testing. (PASS)

- 3. APPLICATION:** The unique design of the T Bar Steel Anchor allows multi-depth adjustment to suit varying roof cladding profiles.

- 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. PRECAUTIONS:

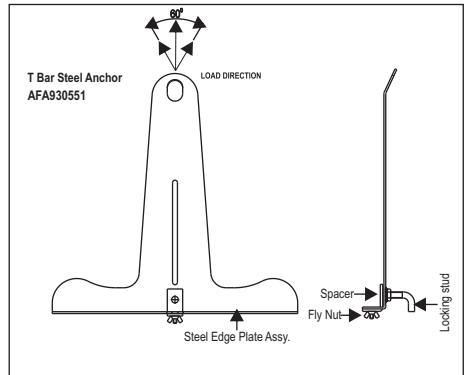
- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- The equipment shall only be used by a person trained and competent in its safe use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- Ensure that the anchor 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.

6. 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.

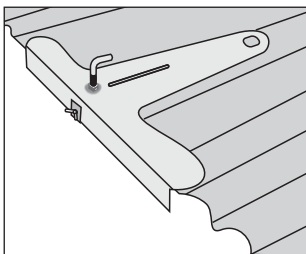
7. INSTRUCTION FOR INSTALLATION

- Before being attached by an operator, the anchor must be installed by a competent person only.
- For safety, anchor positioning is vital as the fall height & rope stretch has to be considered carefully. In order to minimize the risk for the user to fall off an edge of the roof, he should be trained effectively & must know how to adjust the safety line length.
- EN 795:2012 Type A sets out the safe use of anchors, in particular, safe access and avoiding lateral swing.
- Never install this anchor on the ridge line or ridge capping of a roof

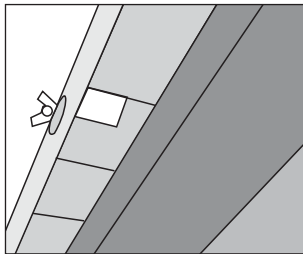


7. INSTALLATION OF EDGE ANCHOR

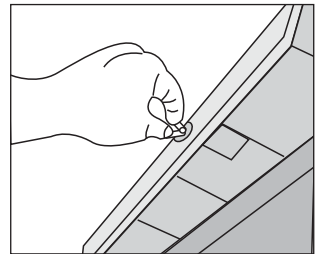
- The attaching area is to be inspected as per the instructions above and EN 795:2012 Type A.
- The anchor is to be inspected as per the instructions above and EN 795:2012 Type A.



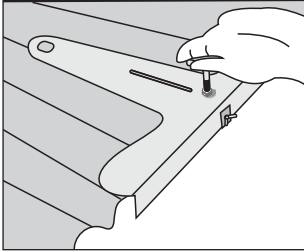
Sit the anchor on top corrugation of roofing iron as shown



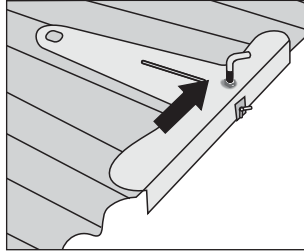
Ensure bottom tab is under top corrugation of roofing iron as shown



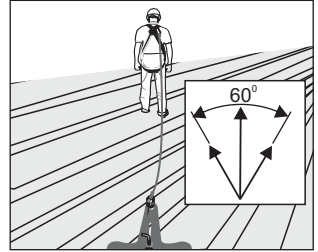
Ensure wing nut is tightened to secure the bottom tab as shown



Ensure L-bolt is tightened onto roofing iron to clamp anchor to roofing iron



Screw in a roof screw through a slotted section in front of the L-bolt as highlighted by the black arrow



To minimize swing fall hazard danger, never work outside an arc of 60 degree of the centre line of the anchor.

Note:- To ensure safety, work from a minimum of 2M distance from an unprotected edge. Reverse the installation process to remove the anchor

8. **ANCHORAGE STRENGTH:** Ensure that the structure on to which the anchor is fitted is strong enough to withstand a load of 12 kN.
9. **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.
10. **LIMITATION:**
 - It should be the personal property of the user.
 - It should not be used in highly acidic or basic environments.
 - 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 to verify the 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.
 - Anchor device should only be used for personal fall protection equipment and not for lifting equipment.
11. **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.
12. **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.
13. **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.
14. **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.
15. **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



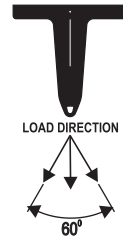
The Anchor is marked with :

- (i) The CE mark showing that the product meets the requirements of the PPE Regulation (EU) 2016/425
- (ii) Identification of the manufacturer
- (iii) Type or product code MARKING
- (iv) Product description
- (v) UID for traceability
- (vi) Norm Reference.

⚠ WARNING!

ENSURE ROOF STRUCTURE IS SUITABLE FOR THE APPLIED LOAD, THEN A SUITABLE ROOF SCREW MUST BE INSERTED THROUGH THE SLOT ABOVE IN ACCORDANCE WITH INSTRUCTIONS TO ENSURE 15kN RATING IS REACHED.

- This anchor **MUST** only be used by competent users trained in height safety
- The Safety Instructions **MUST** be followed at all times for each use
- 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.



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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