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USER INSTRUCTION MANUAL  
T BAR STEEL ANCHOR

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODEL:

AFA930551

CERTIFIED PRODUCT



**CE 0598**  
EN 795:2012 Type B

AUSTRALIA & NZ STANDARDS  
Certified to AS/NZS 5532:2013  
Issued by BSI  
Vide Lic. No.: BMP 760374

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 and NZ Standards AS/NZS 5532:2013.

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, NZ Standards AS/NZS 5532:2013 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)

AS/NZS 5532:2013 test	Result/Comment
Static Strength (Clause 5.3)	Sustained a force of 15 kN for 3 minutes (PASS).
Dynamic Performance (Clause 5.3)	When tested with rigid steel mass of 100 kg, the test mass held after test with the device remaining stable throughout. (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:**

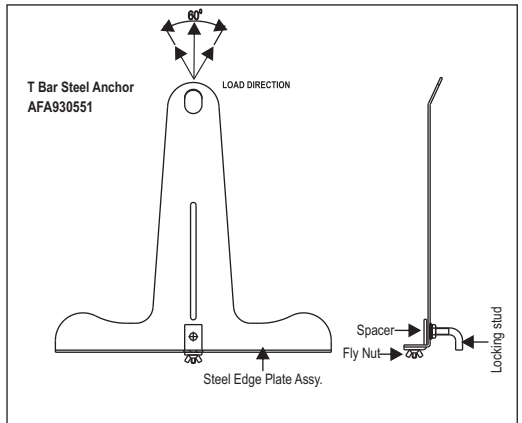
- Ensure the Medical condition of the user does not affect his safety in normal and emergency use.
- The equipment shall only be used by a person trained and competent in its safe use.
- A rescue plan shall be in place to deal with any emergencies that could arise during the work.
- Ensure that the anchor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

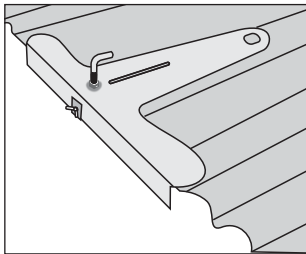
- It is important to check before use, any dangers that may arise by the use of combinations of items of the equipment in which the safe function of any one item is affected by or interferes with the safe function of another.
- Carry out a pre-use check of the system, to ensure that it is in a serviceable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

**7. INSTRUCTION FOR INSTALLATION:**

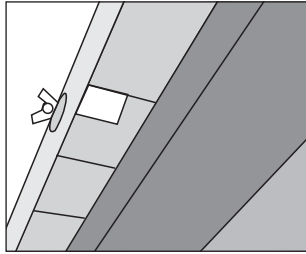
- Before being attached by an operator, the anchor must be installed by a competent person only.
- For safety, anchor positioning is vital as the fall height & rope stretch has to be considered carefully. In order to minimize the risk for the user to fall off an edge of the roof, he should be trained effectively & must know how to adjust the safety line length.
- Never install this anchor on the ridge line or ridge capping of a roof.



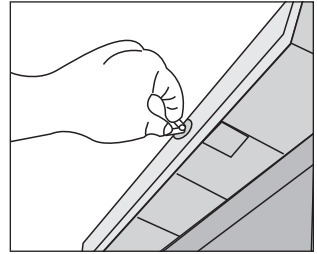
**8. INSTALLATION OF EDGE ANCHOR:** Follow the installation steps for complete installation.



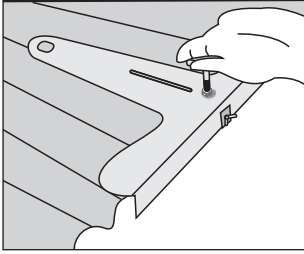
Sit the anchor on top corrugation of roofing iron as shown



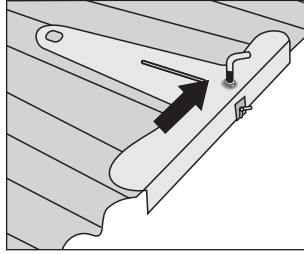
Ensure bottom tab is under top corrugation of roofing iron as shown



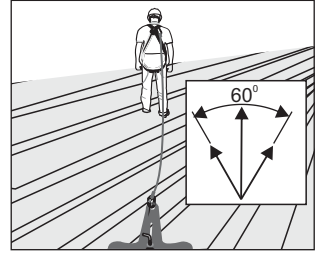
Ensure wing nut is tightened to secure the bottom tab as shown



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

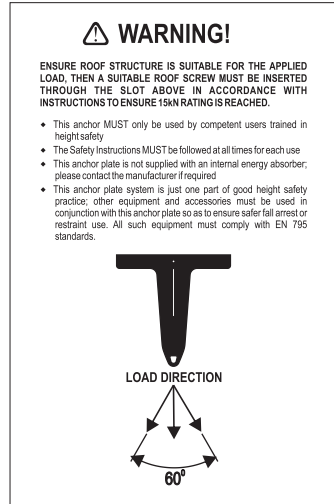
9. **ANCHORAGE STRENGTH:** Ensure that the structure on to which the anchor is fitted is strong enough to withstand a load of 15 kN.
10. **COMPATIBILITY:** To optimise protection, in some instance it may be necessary to use the anchorage sling with suitable PPE such as: boots/gloves/helmet and ear protection. 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 environments.
  - 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.
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 outside 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.







**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)

**Certification Body & Ongoing Assessment Body (AUSTRALIA & NZ STANDARDS)**

BSI Group ANZ Pty Ltd, Suite 1, Level 1, 54 Waterloo Road, Macquarie Park, NSW 2113, Australia.

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



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