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USER INSTRUCTION MANUAL

## IRSQ EVACUATION TRIANGLE

THESE INSTRUCTIONS APPLY TO THE FOLLOWING MODELS:

AFX201031, AFX201035

EN 1498:2006 Class 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:** The IRSQ Evacuation Triangle (AFX201031, AFX201035) is not a personal protective equipment against falls from height, but only an additional accessory to a complete equipment; it must not be used alone.

2. **TECHNICAL SPECIFICATIONS:**

Product Ref.	Product Name	Material of Construction
AFX201031 AFX201035	Rescue Triangle	<b>Belt:</b> Polyester and/or Polyamide <b>Buckle:</b> Heat Treated Steel

3. **APPLICATION:** An IRSQ Evacuation Triangle is intended to be used to rescue a conscious person (adult) and allow it to be removed up or down through the intervention of other people. The IRSQ Evacuation Triangle can be used by one person at a time.

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.

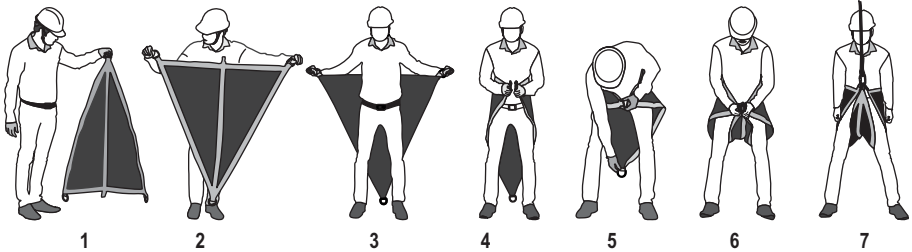


5. **PRECAUTIONS:**

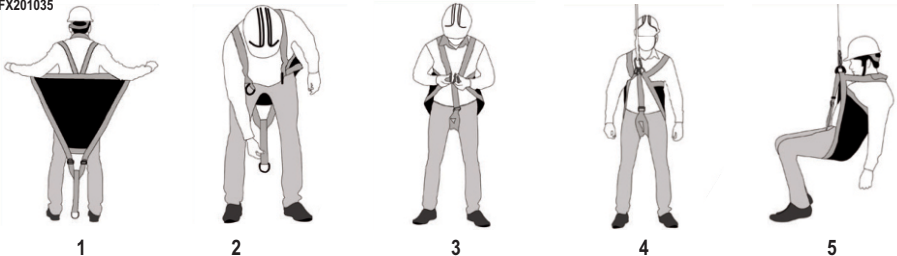
- Certain medical conditions may affect user safety, if in doubt, consult your doctor.
- Make sure, that the injured person is correctly positioned to allow the rescue operations.
- For safety reasons and before each use, make sure that there is no obstacle obstructing the normal deployment of the rescue system.
- Rescue operations require, most of time, to make emergency intervention, so it is important that those involved are firstly formed and trained in this kind of intervention.
- The anchorage point of the rescue system should be strong enough, minimum strength: 15kN, (EN795).
- Ensure that rescue operations limit the pendulum effect, the risk and the height of a fall.
- This equipment is suitable for use on site in the open air and a temperature range of -40°C to +60°C.
- This equipment is for the sole use of people trained, skilled and in good health, or under the supervision of a trained and skilled person.
- Sharp edges, small diameter structures and corrosion should be avoided as they may affect the performance of the webbings.
- Check the condition of the rescue triangle before every use: visual inspection to check the condition of the straps (no signs of cuts, burns or abnormal shrinkage), the seams (no visible damage), the metal parts (no deformation or rust) and that the connectors work properly. In the event of deformation or doubt the equipment should not be reused.
- Do not remove, add or replace any component of the equipment.

6. **HOW TO USE:** Place the triangle on the user and collect the three attachment points in the following sense: attaching side - central end - attaching side, and pass a connector (EN 362) in these attachments. During these operations ensure that the straps do not twist. For better understanding refer the line drawings:

AFX201031



AFX201035



7. **LIMITATIONS:** The triangle must be used as part of a rescue system: EN341; EN1496. It may be dangerous to create one's own rescue system where each safety function can interfere with another safety function.

Read the recommendations on using each component in the system before use.

8. **VERIFICATION PROCEDURE:**

- The equipment must be checked systematically in case of doubt or after a fall and at least every year by the manufacturer or his authorised representative, to guarantee its state and thus the safety of the end-user.
- The product data sheet should be completed after each annual verification.

9. **CLEANING, STORAGE AND TRANSPORTATION:**

- Clean it with water and soap, wipe it with a dry rag and hang it up in a well-ventilated location, to let it dry naturally and away from a naked flame or heat source; follow the same procedure for components that have become damp during use.
- The metal parts should be wiped with a cloth impregnated with paraffin oil.
- Never use bleach or detergents.
- The equipment should be stored in its packaging in a warm, dry, ventilated place, protected from sunlight, heat and chemicals.
- During transport, keep the equipment in its packaging, well away from any cutting surface.

**PRODUCT MARKING**

**EVACUATION TRIANGLE**

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Model : AFX201035 (i)

DOM : MM/YYYY (ii)

Material : Polyester (iii)

UID : XXXXXXXXXXXX (iv)

(vii)

**MAX**

EN 1496:2006 Class B

**QR CODE**

(viii)

**400**

Max. weight limit  
(kg)

KStrong Inc.  
15016 Warner Center Road Suite F200 Patuxent  
Perryville 19377 United States  
KStrong.com      Made In India

(vi)

**MARKING ON PRODUCT:**  
The IRSQ Evacuation Triangle is marked with the following information:

- (i) Identification and address of the manufacturer
- (ii) Type or product code
- (iii) Month and Year of Manufacture
- (iv) Material
- (v) UID for traceability
- (vi) Pictogram that indicates to read instructions
- (vii) Rated Load
- (viii) Norms & reference

**10. HOW TO DISPOSE OF THE IRSQ EVACUATION TRIANGLE:**

When the evacuation rescue triangle becomes unfit or in case of any wear and tear, dispose it immediately.

**Follow the following steps for disposal:**

- Make the three plastic crates namely- Textile, Metal & Plastic for placing the respective components of the IRSQ Evacuation Triangle.
- Spread the easy seat on a table / flat surface.
- Inspect the wear & tear present on the IRSQ Evacuation Triangle.
- If any wear and tear is observed, dispose the IRSQ Evacuation Triangle using a sharp scissors; first cut the Textile and dismantle the IRSQ Evacuation Triangle.
- Put the Textile, Plastic & Metal components in their respective plastic crates.

**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.

<b>EQUIPMENT RECORD</b>				
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)				
<b>PERIODIC EXAMINATION AND REPAIR HISTORY</b>				
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

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



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