



## **ABSORBER R.E.**

In cases where there is a danger of fall and where, for technical reasons or a very short duration of task, a safe access cannot be secured otherwise, it is necessary to consider using personal protective equipment. Such usage shouldn't be improvised and its selection is specifically supposed to be subject to the relevant core safety measures at the job site.

Do not use **ABSORBER R.E.** without careful reading of the instructions for use.

### **Responsibility**

Attention: Activities including use of this product are dangerous by nature.

Before you use this equipment you must:

- Study the whole instructions for use thoroughly
- Exercise correct use of the product
- Get acquainted with the product limitations and application scope
- Understand and accept the risk of the activity for which the product is used.

Neglect or violation of any of these rules may result in severe injury or death.

In the case of doubt or difficulty understanding this instruction please contact the product manufacturer or supplier.

### **Application Scope**

The fall absorber is used as part of the personal harness for catching in the case of fall in connection with a joining element for connection of the harness with an anchoring point. It is designed for attenuation of the energy generated by fall from the height of maximum 4 m and reduction of the force acting on the body of the user to maximum 6 kN.

This product is part of personal protective equipment (for single person use only) in compliance with Directive 89/686/CEE.

The product loading must not exceed the breaking strength shown on the label and the product must not be used for purposes other than for which it is designed.

### **Figure 1 - Part descriptions.**

1/ connecting lugs 2/ reinforcing quilting 3/ control label 4/ case

**Materials:** polyamide and polyester.

### **Check Points**

Immediately discard the product if a fall caused tears of the quilting or any other damage to the fall absorber strap.

Open the case and check integrity of the control label which must not show signs of damage.

This control label serves as indication for use of the fall absorber.

Check the straps (especially their ends) and the safety quilting.

The straps should mainly be checked for cuts, wear and damage by use, high temperatures or contact with chemicals etc.

Special attention should be paid to torn yarn.

Return the absorber to its protective case with just the connecting lugs sticking out (1)



### **In Use**

Regularly check the product condition before use. Always check interconnections of the product parts and correctness of their mutual positions.

In the case of any doubt about the product condition please contact the manufacturer or revision engineer authorized by the manufacturer.

Immediately discard a product showing signs of damage or incorrect functioning.

### **Compatibility**

The fall absorber (as part of the personal fall protection system) may only be used in combination with anchoring points pursuant to EN795, joints with safety pin pursuant to EN 362, and fall protection harness pursuant to EN 361.

A combination of incompatible products may cause sudden disconnection of the elements, their damage or may impact safe functioning of other parts of the equipment.

### **Figure 2 - Installation on harness**

Make sure the fall absorber is correctly connected to one of the two anchoring points on the harness (just the breast or the back one).

### **Figure 3 - Compulsory requirements**

-Total length of the set (fall absorber with integrated loop + joints) may not exceed **2 m**

-The length of the fall may not exceed **4 m**. Try to minimize the risk and height of potential fall

### **Note**

-The harness must be set for comfortable fit and minimization of the risk of injury in the case of fall

-The joints must always be used with the buckle closed and the lock secured. Regularly check by hand whether the bucket is closed.

-Avoid contact with objects and structures with sharp edges and rough surface.

### **Anchoring Points**

The anchoring point should ideally be placed over the head of the user; comply with the requirements of EN 795 standard; and its minimum breaking strength must be at least 10kN.

The anchoring point must be sufficiently strong.

### **Figure 4 - Minimum safe depth**

The free depth under the user must be sufficient to prevent hit of any obstacle in the case of fall.

### **Figure 5 - Efficiency, breaking strength**

The fall absorber attenuates impact force at the load of about 300 kg (3kN).

Breaking strength of the whole set after complete unwinding of the absorber is 900 kg (9 kN).

### **General conditions for absorber use**

**Record sheet** – should be filled out by a competent person and maintained throughout the life of the absorber.

**First use** – enter in the record sheet immediately.

**Periodic checks** – to be performed annually by an authorized representative of the manufacturer. All parts of the fall absorber (including the rope and the snap hooks) must be



checked for defects caused by mechanical, chemical or thermal effects. Enter the result of the check in the record sheet.

**Product discarding:**

- The fall absorber must be discarded if any check point of the "CONTROL LINE" is damaged
- The fall absorber must be destroyed and discarded after catching a fall
- The fall absorber must be destroyed and discarded after detection of any defect caused by mechanical, chemical or thermal effects in the course of the annual inspections or checks before use.

**Storage** – store the fall absorber in a dry well ventilated place at room temperature (protected against direct sunshine and radiant heat sources) in unloaded condition.

**Maintenance** – the fall absorber is cleaned by warm water and standard soap. Use of acid or alkali solvents is prohibited. Let the absorber air dry after cleaning in the natural way outside the reach of fire and radiant heat.

**Repairs** – do not perform any repairs or adjustments of the absorber.

**Transport** – transport the fall absorber packed (for example in impregnated textile, plastic bag or foil) to prevent defects caused by humidity or mechanical chemical or other effects.

**Service life and inspections**

The life of textile products is **10 + 5 years** (5 years on condition of storage in compliance with manufacturer's instructions, 10 years from the first use). Should an authorized inspector establish that a textile product is not capable of further safe use, it is their responsibility to recommend discontinuation of its further use although its life time has not elapsed yet.

Textile products **must be inspected at least once every 12 months** by the manufacturer or a person authorized to inspect personal protective equipment of category III with simple structure (hereinafter "authorized inspector"), such as IRATA and SPRAT LEVEL3 etc. These inspection must also be carried out even in case of extraordinary events (fall, aggressive chemical environments, mechanical damage or user's doubts).

**Warranty**

The manufacturer provides **3-year warranty** for defects of material or workmanship. The warranty does not apply to:

Defects caused by wear, oxidization, product alterations, incorrect storage and maintenance, damage by accident or negligence and use for purposes for which the product is not designed.

The **MANUFACTURER** is most liable for direct, indirect or accidental consequences and for damage caused by the product use.