GENESI
ITALIA

# Safeladder®

Manufacturer's Installation Instructions

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# 1. Introduction.

Preventive and protective measures should be installed for works performed in places exposed to a danger of falls, in order to allow the operator to perform maintenance operations to move easily along the work area.
These protective devices, in addition to being safe, must be ergonomic, or rather "comfortable" to use for the operator, and they must be provided in the Technical Coverage Report (ETC) that is drawn up by the Health & Safety Co-ordinator at the design phase (CSP), in agreement with the designer, and be an integral part of the project both of the technical dossier and of the works. The ETC is therefore composed of various documents, with relevance to different subjects, in particular:

- **Coordinator/technician**: graphics with routes and access points to the roofing highlighted, technical report with design solutions adopted, structure support and mounting calculation report.
- **Manufacturer**: product certification, Manufacturer Instructions - Manual of installation, use and maintenance.
- **Installer**: declaration of conformity of the works performed.

## From the designer to the consumer 1.1

With regard to the points mentioned above, the objectives of **Somain Italia** are to create a direct line between the designer of the system and the final user, passing by the manufacturer and installer by means of:

- Study of the line through software with immediately understandable graphical interface and return of the elements that constitute the system (as an alternative to consultancy from our technical office).
- Supply of the elements provided for the entire system directly from **Somain Italia** or from the chain of Partners and authorised resellers.
- Installation with simple procedures according to the Installation Manual by installers trained by Somain Italia (subject of this document).
- Provision of information necessary for the proper use and maintenance contained in the Manufacturer's Instructions.

# 2. Important warnings.

- Before system use, read the Manufacturer's Instructions - Use and Maintenance.
- All users must be trained and informed about risks and must have carried out the training on 3rd category PPE.
- Users must be in optimal physical conditions for the duration of works.
- Operators must be trained and informed about emergency, recovery and evacuation procedures in the work area in which they operate.
- Making changes and/or additions to the equipment/system without consent from the manufacturer/distributor is prohibited.
- Equipment must not be used beyond its limitations or for purposes other than those foreseen.
- Before using the system, verify good equipment conditions as much as possible.
- For safety, it is imperative that use of equipment be suspended immediately in the event of doubts about their safe conditions or if they have been used for fall arrest. In both cases, before restarting operation, you must get written confirmation from a competent person stating that re-use of the system is acceptable.
- Verify mounting support resistance.
  When mounting with threaded bars, the extraction test must provide a minimum resistance of 5kN. Consult the manual for Somain Italia handheld art. PALM regarding SVAN testing.
- For safety, it is imperative that the anchor device always remain positioned and that work be carried out in such a way as to minimise both the risk of falls and the potential fall distance.
- For safety, it is imperative to verify that the free space required under the user (clearance distance) near the work area before each use is such that it does not permit collisions with the ground or other obstacles.
- Use of harnesses in compliance with standard EN 361, connectors in compliance with EN 362 and fall arrest lanyards in compliance with EN 3354 is mandatory.
- Periodic system review is mandatory.
  Verify evidence of maintenance with the holder of the Technical File.

# 3. Technical information:

## Product description 3.1

**Safeladder®** ladders are in compliance with EN 353-1 regarding guided type fall arresters including rigid anchor lines.
These are rigid rail systems for protection against falls from a height integrated into the uprights of a ladder. The system is entirely composed of aluminium and is used for vertical type applications, permanently mounted to the bearing structure of the building.

The receiving structure must be able to withstand loads deriving from system application and this resistance must be ensured in the design phase or with checks directly on site.

This type of system is certified for concurrent use by 2 operators who are at least 3 metres apart and equipped with a special trolley that, by means of wheels, slides along the side rail. The operator uses a connector to attach his harness (EN361) to the energy absorber (EN355) integrated to the lanyard (EN354) on the trolley, which slides along the side rail by means of wheels.
To increase system ergonomics, a landing or resting steps should be provided every 15 metres.

Users must be in optimal physical conditions for the duration of works.

This system is deformable and can be used for the eventual recovery of the operator in the event of a fall within 20/25 minutes to avoid serious permanent damage, with appropriate recovery kit that complies with the EN 341 standard.

Before use, verify the presence of recovery and rescue floors or procedures in the plant location to be implemented in case of need.

The ladder has been tested by the Apave Certifying Organisation and the elements used at times are in accordance with those tested.

Below is a detailed description of the system.

## Functional diagram 3.2

## Type of elements 3.3

- vertical trolley art. RHF014
- opening section art. SAL001 (equipped with junction on both sides)
- additional section art. SAL004
- junction art. SAL025
- mounting brackets art. SAL007
- landing for roof access art. SAL009
- ladder stop art. SAL006
- articulated feet art. SAL013
- right and left cap for top
- anti-intrusion door art. SAL012
- mandatory sign art. CA00
- identifier seal art. C35

## Additional components 3.4

- resting steps art. SAL010
- telescopic section art. SAL011
- folding section art. SAL023
- pair of steps for ladder suspension art. SAL019
- ladder support bar art. SAL030

## Description of components 3.5

### Opening section art. SAL001

Characterised by the right upright equipped with grooving that allows the insertion and removal of vertical trolley RHF014 for access and use.

**Material**:
aluminium with anodization treatment to prevent electrolytic corrosion between the steel structure and the rail
**Geometry**:
see figure with standard 196 cm module
**Net weight**:
4.70 Kg/m
**Mounting**:
on structure with 4 wall brackets art. SAL007 (a pair at the base and a pair at the top)
**Equipment**:
junction pieces art. SAL025 (1 per upright)
1 90 cm high grooving on the ground for trolley mounting
1 aluminium profile for correct trolley path

### Additional sections art. SAL004

Used to compose ladders at the desired height.

**Material**:
aluminium with anodization treatment to prevent electrolytic corrosion between the steel structure and the rail
**Geometry**:
see figure with standard 2.80 m module
**Net weight**:
4.70 Kg/m
**Mounting**:
on structure with 2 wall brackets art. SAL007, to be positioned at the top of each 280 cm or smaller module
**Equipment**:
2 junction pieces art. SAL025, 1 per upright

## Junction pieces art. SAL025

Essential for the connection and junction between two consecutive ladder sections.

**Material**:
aluminium
**Geometry**:
200x60x20 mm th=2 mm tubular for insertion into uprights of two consecutive ladder sections
**Net weight**:
0.267 Kg
**Mounting**:
to the ladder upright with 4 M8 hex head mounting kits
**Equipment**:
4 Ø 11 holes
4 M8 mounting kits

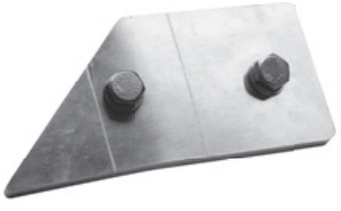
## Landing art. SAL009

End ladder section which allows for safe landing on the roof. A brake SAL006 that locks the trolley and prevents accidental release is set at the top end of the longer upright.

**Material**:
aluminium with anodization treatment to prevent electrolytic corrosion between the steel structure and the rail
**Geometry**:
same as ladder profile L=110 cm
**Mounting**:
by means of aluminium junction fastened with 2 M8 hex head mounting kits

## Ladder stop art. SAL006

Positioned at the top of the right ladder or landing upright to prevent accidental trolley release. Can be mounted permanently or can be mobile to allow voluntary removal of the trolley.



**Material**:
aluminium
**Geometry**:
max 130x60x6 mm
**Weight**:
0.155 Kg
**Mounting**:
3 M8 hex head mounting kits
**Equipment**:
2 Ø9 holes

## Vertical trolley art. RHF014

The vertical trolley is the connection between the operator and the fall arrest system: it is the essential component for rail system use and stops in the event of interference.
The trolley slides along the rail by means of wheels and allows for operator attachment by means of ring hooks.

**Composition**:
aluminium with 4 wheels
**Geometry**:
see figure
**Net weight**:
0.46 Kg

## Anti-intrusion door art. SAL012

In the event of ladder positioning at ground level or in easy access locations, use of the ladder by unauthorised personnel or personnel not equipped with necessary PPE must be prevented.
The anti-intrusion door is equipped with a safety lock.

**Material**:
painted aluminium
**Geometry**:
see figure H=130cm
**Mounting**:
supplied with opening section art. SAL 001

## Wall mounting bracket art. SAL007

The wall mounting brackets are used to install the ladder on the receiving structure.

**Material**:
AISI 304L stainless steel
**Geometry**:
see figure
available sizes 20, 30, 40 and 50 cm
**Net weight**:
variable
**Mounting**:
4 M8 screws in the ladder grooving
on reinforced concrete support with 1 M12 bar and dual-component epoxy resin
**Equipment**:
4 Ø 8.5 holes with slot L=30 mm for mounting to ladder
1 Ø 13 hole with slot L=30 mm for mounting to structure

## Wall mounting bracket art. SAL007-50/100

The adjustable wall mounting brackets are used to install the ladder on the receiving structure.

**Material**:
AISI 304L stainless steel
**Geometry**:
see figure
length adjustable from 50 to 100 cm.
**Net weight**:
variable
**Mounting**:
2 12x40 hex head screws with nuts and growers for assembly; 4 M8 screws for ladder mounting. Mounting to the reinforced concrete structure with 1 M12x160mm threaded bar and dual-component resin.
**Equipment**:
4 Ø 8.5 holes with slot L=30 mm for mounting to ladder
1 Ø 13 hole with slot L=30 mm for mounting to structure

## Telescopic section art. SAL011

Can be used in place of the door SAL012 to prevent ladder access to unauthorised personnel.
To be positioned at 2.5 m from the ground and with its fixed section covering the first 5 m of ascent.
The telescopic base is equipped with a roller that favours sliding section lifting and an elastic rope system that keeps it lifted.

**The ladder must be installed at a height such that, in the open position, the rubber bearings on the bottom touch the ground but there is no pressure on them. Roller position can be adjusted on-site and the component must be in contact with the angle of intersection between the wall and the ground. The roller must stay in contact with the wall during ladder ascent.**

**Material**:
aluminium
**Mounting**:
with 3 pairs of arms to be mounted to the structure with with stainless steel M12x160mm threaded bar and dual-component resin
**Net weight**:
20 Kg

## Folding section art. SAL023

Ideal for access to tanks and wells: turn the folding section positioned at the top of the ladder and move it into vertical position to proceed with trolley RHF014 insertion.

**Material**:
15µ anodized aluminium 6060T6
**Mounting**:
brackets for anchoring to ladder section uprights included.
**Weight**:
20 Kg

## Resting steps art. SAL010

Used to break up the section of the ladder to allow operator resting when moving up/down.

**Material**:
aluminium
**Mounting**:
4 + 4 M8 mounting kits
**Use**:
tilting components which are vertical when not in use and folding to allow for resting.

**Note: if necessary, contact Somain Italia for a mounting diagram.**
**It is possible to construct real resting landings. Contact Somain Italia for an accurate assessment based on the installation location.**

## Articulated support feet art. SAL020

Helps maintain ladder stability even in the presence of an irregular support surface and ensures stable support for the entire ladder.

**Material**:
aluminium with anti-slip rubber base
**Geometry**:
100x40x70 mm base
100x60x20 mm th 2 mm junction
**Mounting**:
2 M8 convex head mounting kits
**Equipment**:
foot base with anti-slip
junction with 2 M8 convex head mounting kits

## Caps for base art. SAL024

Used to close the lower end of the ladder uprights.

**Material**:
plastic
**Mounting**:
pressure
**Weight**:
0.08 Kg

## Right and left cap for top

Used to close the top end of the ladder uprights.

**Material**:
aluminium
**Geometry**:
see figure
**Mounting**:
2 8x10 rivets for each cap (with Ø5 upright drilling)

## Pair of hooks for Safeladder® ladder suspension art. SAL019

Mounted to the top part of the ladder for support bar installation. The ladder must have a maximum inclination of 75°.

**Material**:
AISI 316 stainless steel
**Net weight**:
2.4 Kg
**Equipment**:
4 + 4 M8 mounting kit

## Support bar art. SAL030

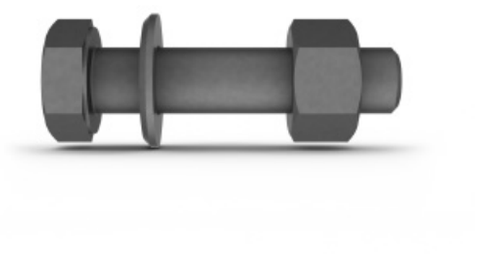
Mounted to the bearing structure to support a removable Safeladder® ladder. In this configuration, the maximum length of the ladder may not exceed 6 m.

**Material**:
AISI 316 stainless steel
**Mounting**:
2 stainless steel M16 threaded bars and dual-component resin.
**Weight**:
3.5 Kg
**Equipment**:
2 Ø14 L = 39 mm mounting slots

## M8 hex head mounting kit

The hex head mounting kit is used to mount different components to the ladder, as well as to guarantee junctions for sections.

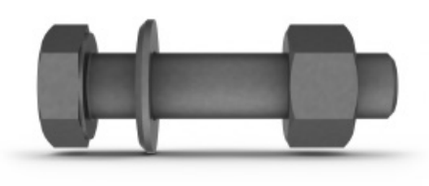
**Compositions**:
M8x40 hex head screw, 2 flat washers, self-locking nut
**Material**:
steel A2-70
**Tightening**:
20 Nm



## M8 convex head mounting kit

The M8 convex head mounting kit is used for mounting articulated feet.

**Composition**:
M8 convex head screw, 2 flat washers, self-locking nut
**Material**:
steel A2-70
**Tightening**:
20 Nm



## Dual-component epoxy resin art. RBS 345 MX

The dual-component, high-performance fast-curing epoxy resin is used in the insertion of threaded bars directly in the structure. For the technical data and instructions on use refer to the product datasheet.


**Composition**:
vinylester without styrene with benzoyl peroxide as activator
**Contents**:
345 ml cartridge

## M12 bars

M12 bars are used to fasten mounting brackets with the aid of a dual-component epoxy resin directly on the reinforced concrete structure.

**Composition**:
12x160 bar, flat washer, nut
**Material**:
steel A4-70
**Tightening**:
70 Nm

## Sign art.CA00

The identification sign must be affixed near system access and must contain the following information:
- model
- seal number
- manufacturer
- installer
- reseller
- date of entry into service

**Material**:
Screen printed aluminium
**Installation**:
with every access


## Identifier seal art. C35

The blue numbered identification seal is unique to each part and must be attached to the assembled system and reported on the identification sign accompanying the plant. It is equipped with a closure cable and, once locked, cannot be removed.

**Installation**:
at the end of each line
**Contents**:
serial number

# 4. Assembly:

## Recommendations: 4.1

Before fitting, a site inspection is recommended to ascertain the real situation of the area on which the system is to be mounted and to check compliance with the planimetric report available.

Installation must be carried out in compliance with the measures for the prevention of accidents in accordance with Legislative Decree 81/2008 - Consolidated Text on Health and Safety and on that indicated by the reference standard EN 353-1.

It is advisable to perform all those operations that will permit doing so on the ground.

## Assemblers: 4.2

Installation of **Safeladder**® systems includes the training of installers by an in-house technician to put into practice the correct methods for assembly. The fitters affiliated to the partners of **Somain Italia** are obliged to draw up their own Risk Assessment Document (DVR) from which the risks linked to the fitting of the life line and the counter-measures adopted to reduce the likelihood of this happening are drawn.

## Movement and storage: 4.3

**The main work equipment to perform correct installation:**

- kit for holes: rotopercussion drill, brush, blower, resin gun
- torque wrench to tighten the nuts on the threaded bars
- hand tools (pliers, various wrenches)

## Stages: 4.4

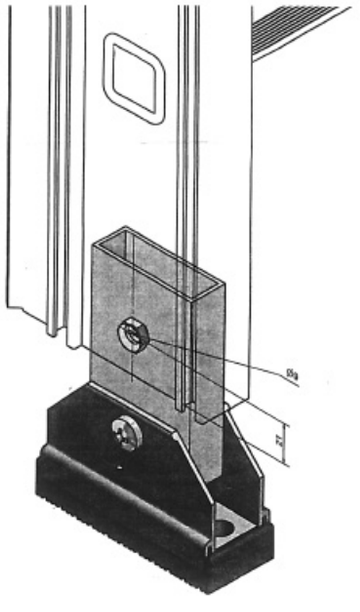
The phases described in this chapter are valid for the mounting of the ladder into the desired position and must be carried out in complete safety, thus complying with the instructions contained in the Safety Operational Plan (SOP) drawn up by the installer, in conformity with the Safety and Coordination Plan (SCP) drawn up by the Safety Coordinator at the Design phase (SCD) or by the Security Coordinator during the Implementation stage (SCI) where these two figures are present. The steps of installation of this ladder shall be construed as excluding all those operations that are used to prepare the work area or to access the same.

**Caution: insert all M8 hex head screws for bracket mounting, stops, resting steps, etc. before proceeding with permanent installation of components.**

## Insertion of articulated feet 4.4.1

**Whenever it is resting on the ground, articulated feet must be inserted into the base of the opening section as follows:**

- insert the junction mounted on the articulated foot and align its hole with the one at the base of the opening section
- insert the M8 convex head screw, leaving one washer per side and insert the self-locking nut
- after having adjusted foot inclination, tighten with a torque of 20 Nm
- repeat operation for both feet

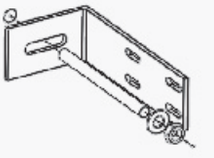


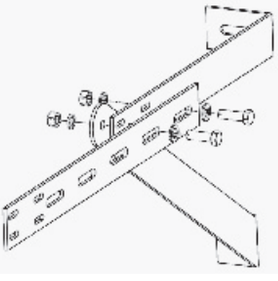
## Mounting brackets: 4.4.2

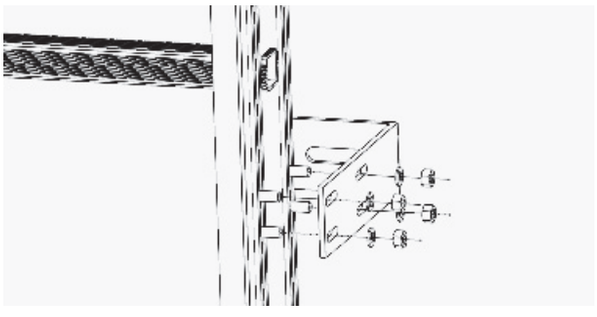
**Please note that the brackets for this kind of system must be placed at the base of the opening section at its top and at the top of all following additional sections. To fasten brackets art. SAL007:**

- drill a Ø 14 hole in the concrete with a length of 10 cm with a rotopercussion drill
- clean the hole with a special brush, making it rotate, and then use a blower with manual pump in such a way as to remove the dust residue from the walls of the hole (repeat the operation more than once)
- slowly insert the dual-component epoxy resin to avoid the formation of air bubbles
- insert the M12 threaded bar, turning it
- position the mounting brackets and leave the resin to harden according to the times indicated on the package
- insert the flash washer and the nut on the threaded bar
- tighten the nut applying a torque of 70 Nm

Repeat operations for all brackets necessary depending on the total length of the ladder.





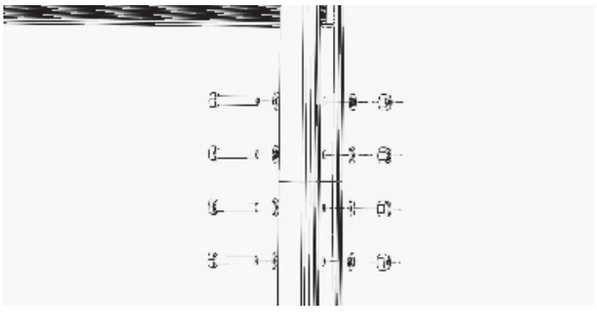


## Positioning the opening section: 4.4.3

**After installation of support brackets, position the 196 cm opening section (art. SAL 001) as follows:**

- in the corresponding external grooving, insert 4 M8 hex head screws (2 per grooving) for each bracket SAL007
- position component art. SAL001 between the brackets art. SAL007, mounted on the structure by inserting screws in the corresponding bracket mounting holes
- insert the flat washer and the nut on the screws
- tighten nuts with a torque of 20 Nm

**Note: It is advisable to insert all fastening screws for art. SAL007 in their grooving before mounting.**



## Positioning additional sections: 4.4.4

**After having positioned the opening section, mount additional sections:**

- remove the M8 screws present in the junction on the previous section
- insert the additional section on the junction component
- align the ladder holes and the junction
- insert the M8 screws
- insert the washers and the nuts on the screws
- tighten nuts with a torque of 20 Nm
- repeat operations on the other upright

**Note: Repeat operations for all sections. Follow the preceding paragraph to mount brackets.**

## Insertion of the trolley: 4.4.5

**After having installed the ladder sections, insert the trolley art. RHF014 as follows:**

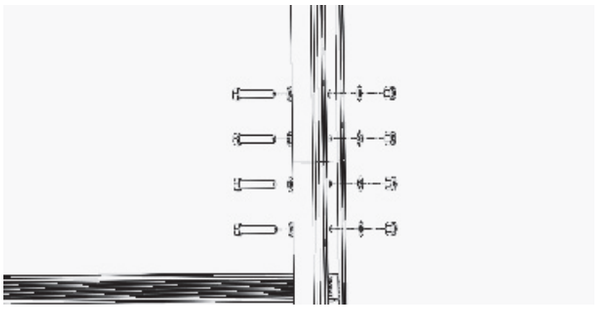
- At a height of 90 cm from the bottom on the opening section is special grooving into which the trolley shall be inserted.
- slide the trolley, verifying that it moves smoothly
- if sliding is not smooth, check coplanarity of the ladder or for a defect on the trolley

## Mounting of landing: 4.4.6

**The landing component art. SAL 009 should be inserted at the right top of the upright:**

- remove the M8 screws present in the junction on the last section of the ladder
- insert the landing on the junction component
- align the holes on the landing and junction and insert the M8 screws
- insert the washers and the nuts on the screws
- tighten nuts with a torque of 20 Nm

**Note: if necessary, repeat operations with the left upright to facilitate operator landing at a height.**



## Pair of folding feet 4.4.7

**Position the folding feet at any point along the Safeladder® ladder using relative brackets, as follows:**

- screw in the 8 M8 screws (4+4 M8) in the corresponding side grooving on the ladder uprights **Safeladder®**

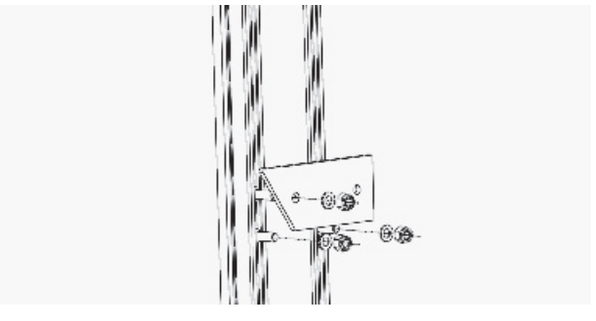
## Mounting the trolley stop: 4.4.8

**The trolley stop, which prevents involuntary exiting of the trolley, should be inserted at the top right of the upright, as follows:**
**Fixed mounting**

- insert 2 M8 mm hex head screws in the external grooving
- position the stop on these screws and insert washers and nuts
- tighten with a torque of 20 Nm

**Mobile mounting**

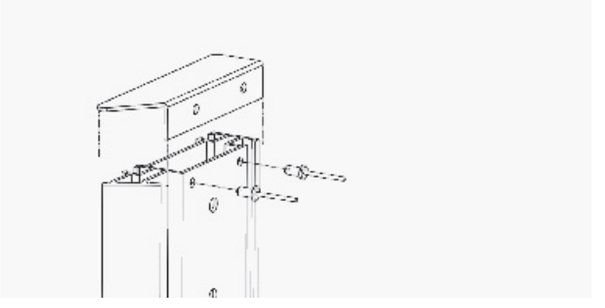
- insert 2 M8 mm hex head screws in the external grooving
- insert washers and nuts and tighten to torque 20 Nm
- insert 1 M8 mm hex head screw in the external rail side grooving, see figure
- position the stop as per the figure
- insert the washer and nut and tightening to allow stop movement



## Mounting caps 4.4.9

**The right and left caps should be inserted at the top of the ladder/landing to close the ladder profiles, as follows:**

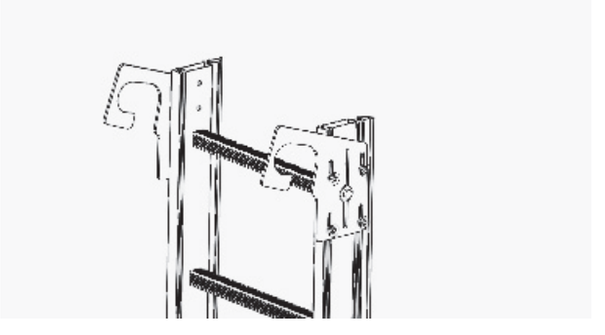
- position the two caps, leaving the drilled part inside the ladder, taking care not to lock the right side of the trolley, if this can be removed
- drill a Ø 5 hole on the ladder near the cap holes
- insert 2 Ø 4.8 x 10 rivets and lock the caps



## Mounting the pair of hooks art. SAL019 4.4.10

**At the desired height, position the pair of hooks on the Safeladder® ladder uprights only after having inserted the 4 + 4 Ø8 fastening screws on the extrusions.**

- Tighten with a torque of 20 Nm



## System sealing 4.5.11

**Position the identifier seal (art.C35) as follows:**

- insert the identifier seal in the trolley stop

## Sign installation: 4.5.12

**Closing of assembly is completed with installation of the sign (art. CA00), mandatory at each access point, displaying the information described above.**

# 5. Guarantees

## Duration 5.1

A ten year guarantee is given on all **Safeladder®** system components.

## Exclusion 5.2

**The guarantee will only be granted if:**
- all components making up the **Safeladder®** system have been supplied by **Somain Italia**
- material supplied has been fully paid
- the material was installed and has been used in accordance with the installation instructions and the technical instructions of **Somain Italia**
- our products have been installed by competent installers recognised by **Somain Italia**

**The guarantee will not be granted in cases where**:
- the products are made from galvanised or zinc plated steel
- safety products include parts or accessories of external origin:in this case the agreed guarantee will be that of the supplier of the above parts

**The guarantee is excluded when the defect is caused**:
- by an intervention or a change made to the original system without the written permission of the manufacturer/distributor
- by use that is irregular or that does not conform to the intended use of the equipment
- by defective installation not in compliance with drawings or to good engineering practice, by the lack of communication by the customer of special conditions (pollution, temperature, number of users, etc.) regarding equipment use by an underestimation of support resistance generating the destruction or non-compliance of our equipment
- by the adding to our systems of parts produced by the buyer or from other sources other than Somain Italia. All our systems must be sourced from Somain or manufactured with the consent of Somain Italia, on the basis designs tested by them
- by an event of force majeure or any event outside the control of the seller such as wars, lightning, etc.

## Limitations 5.3

In all cases our guarantee is limited to the replacement or repair of elements or equipment that are formally recognised as defective by our technical service.

If the repair is entrusted to a third party, this can only be performed after acceptance by Somain Italia of the repair quote.

Any returning of equipment must be undertaken with the consent of Somain Italia. The guarantee only applies to elements returned and as such does not include the costs of removal and re-installation of the equipment in the group in which it is integrated.

The repair, replacement or modification of parts or equipment during the guarantee period can determine extension of the guarantee.

## Responsibility 5.4

Somain Italia will be responsible, under the conditions of common law, for the material damage caused by your equipment or by your personnel.

Repair of the material damage attributable to the seller is expressly limited to a sum that does not exceed the value of the equipment in question, subject of the order.

By express convention, the seller and the customer mutually waive requiring the repair of the indirect and intangible damage of any kind, such as operating losses, loss of earnings, costs of delay, reminder, removal and re-installation of the equipment, loss of future contracts, etc.

## Renewal 5.5

The 10-year guarantee may be extended at the request of the customer, after a technical inspection carried out, upon payment of the equipment installed.

## Testing and maintenance 5.6

As far as possible, before each use, perform a visual examination of the components of the fall arrest device.

In case of doubt, ask the installing company, an inspection organisation or a maintenance engineer, authorised and responsible for this type of intervention, for an inspection.
**Safeladder**® ladders require annual maintenance by an authorised and qualified person. Should this be deemed necessary there is the option of this inspection being performed by one of our staff authorised and qualified for this type of intervention.

The same procedures should be complied with in the event that the system has arrested a fall.

## Jurisdiction 5.7

The applicable law is Italian legislation and the place of jurisdiction is in Bergamo (Italy) that will have exclusive jurisdiction over any dispute arising out of, or in some way related to, the products covered by this Manufacturer's Instructions.

# 6. References.

## Manufacturer's Instructions 6.1

Manufacturer's Instructions - Use and Maintenance

## Regulations 6.2

### Technical standards 6.2.1

**EN 341:1992 Personal Protective Equipment (PPE) against falls from heights**
Lowering devices.

**EN 353-1:2002 PPE against falls from heights**
Guided type fall arresters including a rigid anchor line

**EN 353-2:2002 PPE against falls from heights**
Guided type fall arresters including a flexible anchor line

**EN 354:2002 PPE against falls from heights**
Lanyards.

**EN 355:2002 PPE against falls from heights**
Energy absorbers.

**EN 360:2002: PPE against falls from heights**
Retractable fall arresters.

**EN 361:2002 PPE against falls from heights**
Body harnesses.

**EN 362:2004 PPE against falls from heights**
Connectors

**EN 363:2008 PPE against falls from heights**
Individual systems for protection against falls.

**EN 795:1996 Protection against falls from heights**
Anchoring devices - Requirements and testing.

### National regulations 6.2.2

**Legislative decree 81/2008 and subsequent additions and modifications**
Consolidated text on health & safety

### Local regulations 6.2.3

**Circ. 4 /SAN/2004 of the Lombardy Region**
Update of Title III of the Local Regulations of Hygiene, transposition of the integration to Title III of the Regional Hygiene Law drawn up by the ASL of Bergamo

**Decree of the President of the Regional Executive no. 62 of 23.11.2005 of the Region of Tuscany**
Implementing regulation of art. 82, paragraph 16 of Regional Law no. 1 of the 03.01.2005 relating to the technical instructions on preventive and protective measures for the access, transit and execution of works at height in conditions of safety

**Decree of the president of the province no. 7-114/ Leg. of 25.02.2008 of the Province of Trento**
Technical regulations for the prevention of accidents as a result of falls from heights during routine maintenance on roofs

**Decree of the Regional Government no. 2774 of 22.09.2009 in the Region of Veneto**
Technical instructions on preventive and protective measures to be implemented in buildings for the access, transit and execution of maintenance works at height in conditions of safety

**Regional law no. 5 of 15.02.2010 of the Region of Liguria**
Rules for the prevention of falls from heights on construction sites

## Internet sites 6.3

**www.fallprotec.com**
Official site of the Manufacturer

**www.somainitalia.it**
Official site of the exclusive distributing company

**www.uni.com**
Italian national site of unification

# 7. Manufacturer and Distributor.

## Manufacturer 7.1

Fallprotec
43-45 ZA Op Zaemer
L-4959 Bascharage - Luxembourg

## Distributor 7.2

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24030 - Brembate di Sopra - Bg

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