





QUALITY AND TRAINING CERTIFICATIONS
CONFLAVORO ACCREDITED TRAINING CENTER
ISO 9001:2015

CERTIFICATIONS OF COMPLIANCE
WITH TECHNICAL STANDARDS
EN 795:2012
CEN/TS 16415:2013
UNI 11578:2015
ANSI Z.359.1:2007
ATEX 2014/34/EU

Certified safety products

Since 2002, Trentino Sicurezza has been designing and manufacturing devices and systems to prevent fall hazards for workers operating at height, offering effective, competitive solutions.

Our commitment to research and development of innovative products – valued in national and international markets – combined with high quality standards and compliance with applicable regulations, are our strengths and allow us to offer a wide range of solutions.

Trentino Sicurezza products are designed and built to meet the highest quality standards: they undergo rigorous quality checks and laboratory tests as required by UNI EN 795:2012, CEN/TS 16415:2013, UNI 11578:2015, performed by a Notified and Accredia-accredited Certification Body. Specific products intended for use in potentially explosive atmospheres are also certified according to the ATEX Directive.

Over time, Trentino Sicurezza has become a point of reference for designers and companies, providing constant support with reliable and competent answers.

We are pleased to present our new catalogue: an easy-to-use and pleasant-tobrowse tool to showcase the best of Trentino Sicurezza products.







Tailored safety

Every workplace requires effective and versatile safety solutions, especially when it comes to working at height.

Since its foundation, Trentino Sicurezza has placed great emphasis on innovative and customised designs.

The technical department is constantly engaged in developing new products to create technologically advanced systems of the highest quality.

If no suitable solution is available within our wide product range, Trentino Sicurezza will develop one ad hoc. In the design of fall arrest systems, our technical team can provide targeted, customised solutions that meet your needs and comply with current regulations.

Trentino Sicurezza can meet your expectations and needs, while respecting reference standards.

Working alongside you to find the optimal solution for the specific requirement, and providing assistance from the initial study phase, to technical development, through to installation, is our greatest satisfaction.







Training

Operator safety also depends on the training they receive.

For this reason, Trentino Sicurezza is constantly committed to training operators in the work-at-height sector.

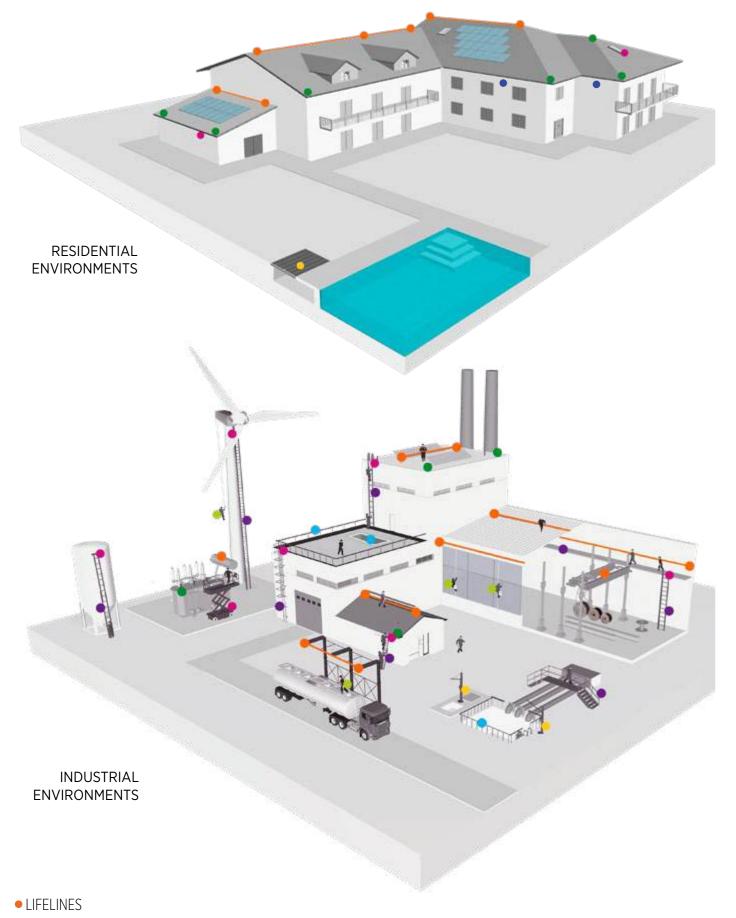
Trentino Sicurezza is also an accredited Conflavoro training centre and collaborates with major professional associations to deliver courses with recognised educational credits.

Main courses offered:

- Training for installers and inspectors of anchor devices.
- Technical training and seminars for designers in the work-at-height safety sector.
- Training and instruction in the use of Category III fall arrest PPE (pursuant to Art. 37 of Legislative Decree 81/2008 and subsequent amendments).
- Training and instruction for safety in confined space activities and in potentially contaminated environments.
- Courses and seminars for building administrators and other professionals involved in work-at-height safety.

For the course calendar, visit: trentinosicurezza.it/formazione





- ANCHOR POINTS
- ACCESS SYSTEMS
- WORK POSITIONING SYSTEM
- CONFINED SPACE SYSTEMS

- COLLECTIVE PROTECTION SYSTEMS
- LADDERS AND WALKWAYS
- PERSONAL PROTECTIVE EQUIPMENT (PPE)

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LADDERS AND WALKWAYS

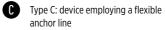
• PERSONAL PROTECTIVE EQUIPMENT (PPE)

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LEGEND

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015 ANSI Z.359.1 ATEX 2014/34/EU

Certified according to the standards indicated A Type A: device with one or more stationary



B Type B: portable anchor device

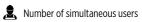
Type D: device employing a rigid anchor line













60

61



TsSafe

TsSafe is the most complete flexible lifeline in the entire range. Suitable for any type of supporting structure, **TsSafe** is the answer to any installation requirement thanks to its compatibility with all the structural anchors shown below.

Universal adaptability.

Every roof is different and requires tailor-made solutions. The total adaptability of TsSafe allows you to create hybrid lifelines by using different structural anchors in a single fall protection system, depending on the supporting substructure. If the supporting structure changes, simply choose the appropriate anchor.

More details on structural anchors can be found on the following pages.

CABLE AISI 316 stainless steel, ø 8 mm, 49 strands. Suitable for highly aggressive environments.

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

13

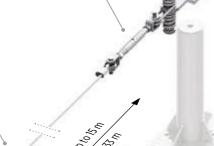


M14 double-fork in galvanised steel. M12 double-fork in stainless steel.



Angles from 90° to 175°.





END TERMINAL

Energy Absorber

Innovative energy absorber: significantly reduces loads on fixings and structures, and limits cable deflection.

























TsSafe Omni TsSafe on post TsSafe for corrugated sheet metal roofs

TsSafe for standing seam metal roofs

TsSafe wall plate

TsSafe omega plate

Rendering of the TsSafe lifeline on a structural

anchor, 35 cm height, flat base.

TYPE C LIFELINE 14

TsSafe **Omni**

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015



Extreme versatility

ADJUSTABLE HEIGHT

The exclusive Omni system allows the post height to be adjusted from 37 to 51 cm during installation, depending on the specific roof conditions.

This system, combined with dedicated base inclination supports, provides maximum versatility with only two

Designed especially for installers and construction material warehouses.

ACCESSORIES - see p. 62

ZINC

♣ 5 SINGLE ♣ 4 MULTI







TsSafe **Omni**

The Omni structural anchor pairs perfectly with both the TsSafe lifelines with traditional intermediate anchors and the QuickTsSafe lifelines with sliding intermediate anchors.

QuickTsSafe Omni





CURVE



Pass-through connector.







CURVE Sliding pass-through.





TsSafe on post



17

Maximum reliability

MEETS ALL REQUIREMENTS

Suitable for installation on concrete, wood, or metal. This model features fixed-height, non-deformable structural

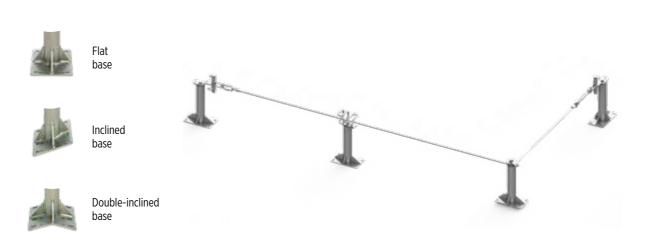
Available in various heights and with three base types, it is the answer to any installation requirement.

ACCESSORIES – see p. 62

INOX ZINC



FIXED HEIGHTS



→ (in cm)

TRENTINO SICUREZZA TYPE C LIFELINE 18 TYPE C LIFELINE 19

TsSafe

for corrugated sheet metal roofs

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

Ease of installation

COMPATIBLE WITH ALL SHEET TYPES

Suitable for application on corrugated sheet, tile-profile sheet, and flat sheet. Allows direct installation without removing the sheet.

ACCESSORIES – see p. 62

INOX ZINC





Type 1

For corrugations with a pitch of 70 ←→ 360 mm.

Compatible QuickTsSafe



Flat



Type 2

For corrugations with a pitch of 75 ←→ 400 mm.



Tile-profile

For corrugations with a pitch of 166 and 200 mm.



TsSafe for corrugated sheet metal roofs Type 2 on an industrial roof.



TsSafe for tile-profile sheet on a residential roof.

20 TYPE C LIFELINE TYPE C LIFELINE 21

TsSafe

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

for standing seam metal roofs

Quick Installation

SUITABLE FOR ALL SHEET TYPES

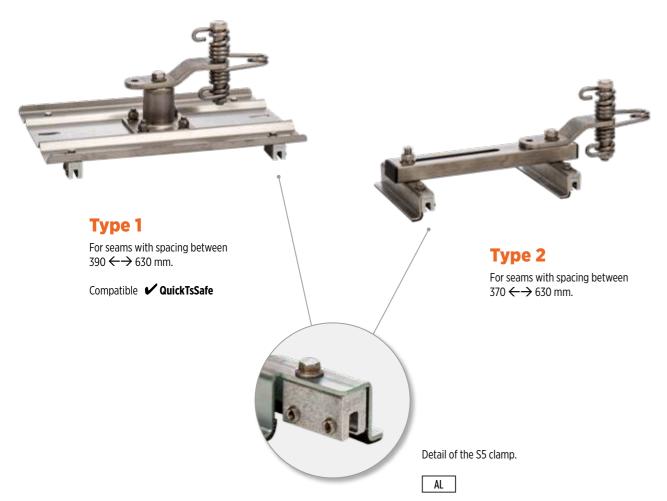
Direct installation on sheet metal, without the need to drill the roof

Compatible with Bemo, Kalzip, RibRoof 465 profiles. Fixing for other sheet types can be developed on a case-by-case

ACCESSORIES – see p. 62

INOX ZINC







TsSafe for standing seam metal roofs Type 1 on a steep-slope roof.



TsSafe for standing seam metal roofs Type 2 on a residential building.

TRENTINO SICUREZZA TRENTINO SICUREZZA TYPE C LIFELINE 22 TYPE C LIFELINE 23

TsSafe wall plate

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

Compact size

IDEAL FOR WALLS AND CEILINGS

Cost-effective and easy to install, featuring a compact design. Particularly suitable for direct installation on

walls and ceilings.

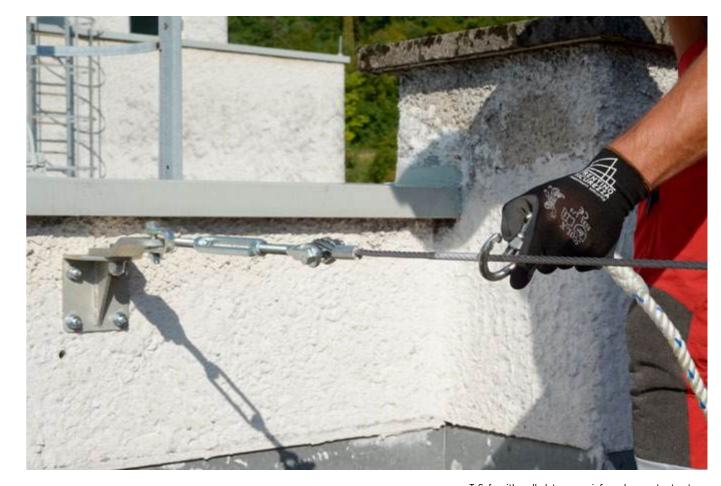
Compatible **QuickTsSafe**

ACCESSORIES – see p. 62

INOX ZINC







TsSafe with wall plate on a reinforced concrete structure.



EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

Minimal visual impact

ESSENTIAL AND COMPACT

Cost-effective and easy to install. Compatible with narrow supporting structures, featuring minimal overall dimensions.

Compatible QuickTsSafe

ACCESSORIES - see p. 62

INOX ZINC

\$5 SINGLE \$4 MULTI SPAN





TsSafe with omega plate on a flat industrial roof.

TYPE C LIFELINE TYPE C LIFELINE TYPE C LIFELINE TYPE C LIFELINE 25

QuickTsSafe

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

Maximum ease of use

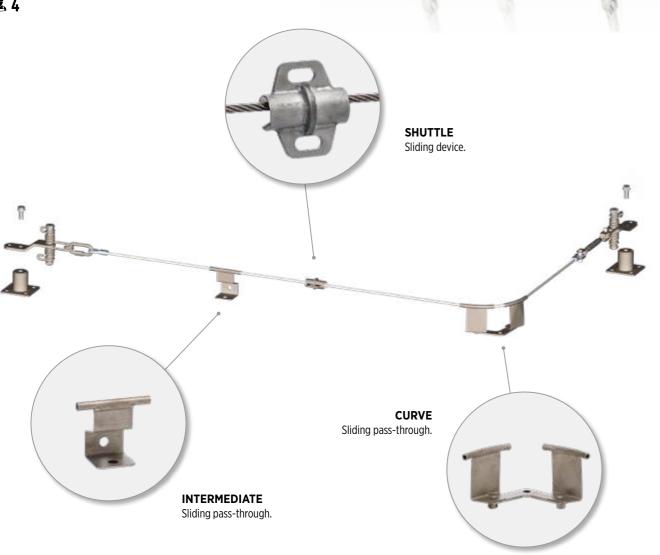
SLIDING PASS-THROUGH INTERMEDIATE

Suitable for large roofs, the pass-through plates allow the shuttle to move through intermediate elements and curves without detachment, even over long distances.

Compatible with all the structural anchors listed below.







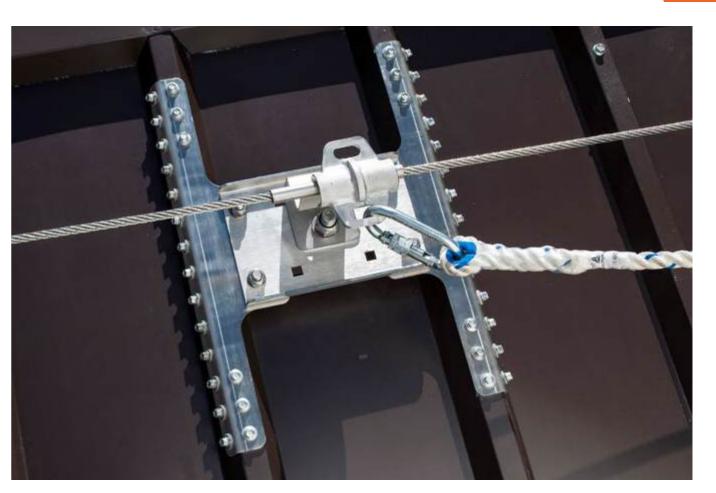
Compatible with

PALO H OMNI 08 POST

CORRUGATED SHEET TYPE 1 STANDING SEAM TYPE 1

OMEGA PLATE

WALL PLATE



QuickTsSafe for corrugated sheet metal roofs on a residential roof.



QuickTsSafe with wall plate in an industrial facility.



TYPE C LIFELINE TYPE C LIFELINE TYPE C LIFELINE 29

EcoSafe

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

Economical and low visibility impact

CONTROLLED DEFORMATION

EcoSafe is the only range featuring controlled-deformation anchors. Economical, it can also be installed on supporting structures with reduced dimensions.

ACCESSORIES – see p. 62

INOX

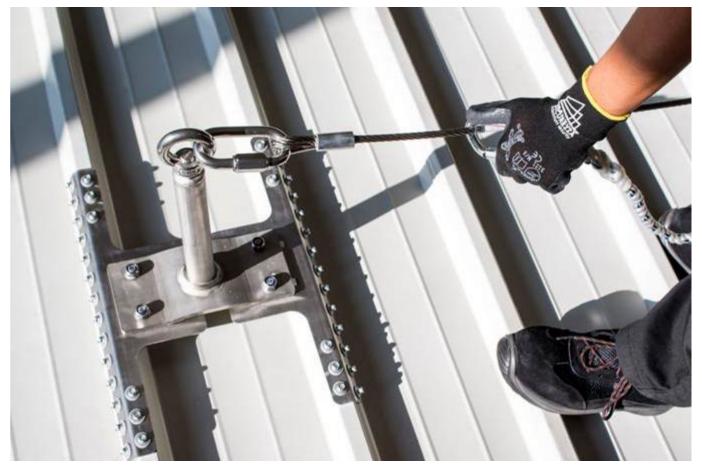








EcoSafe with ridge kit on a single-pitch tiled roof.



EcoSafe for corrugated sheet metal roofs on an industrial roof.



TYPE D LIFELINE TYPE D LIFELINE TYPE D LIFELINE TYPE D LIFELINE 33

RailSafe

Rigid horizontal rail

UNLIMITED LENGTH

Ideal for situations with limited fall clearance, the RailSafe rigid horizontal rail lifeline allows work in suspension or in fall arrest mode without any deflection.

Straight and curved sections can be combined to create routes of any length.

COMPONENTS – see p. 64

AL



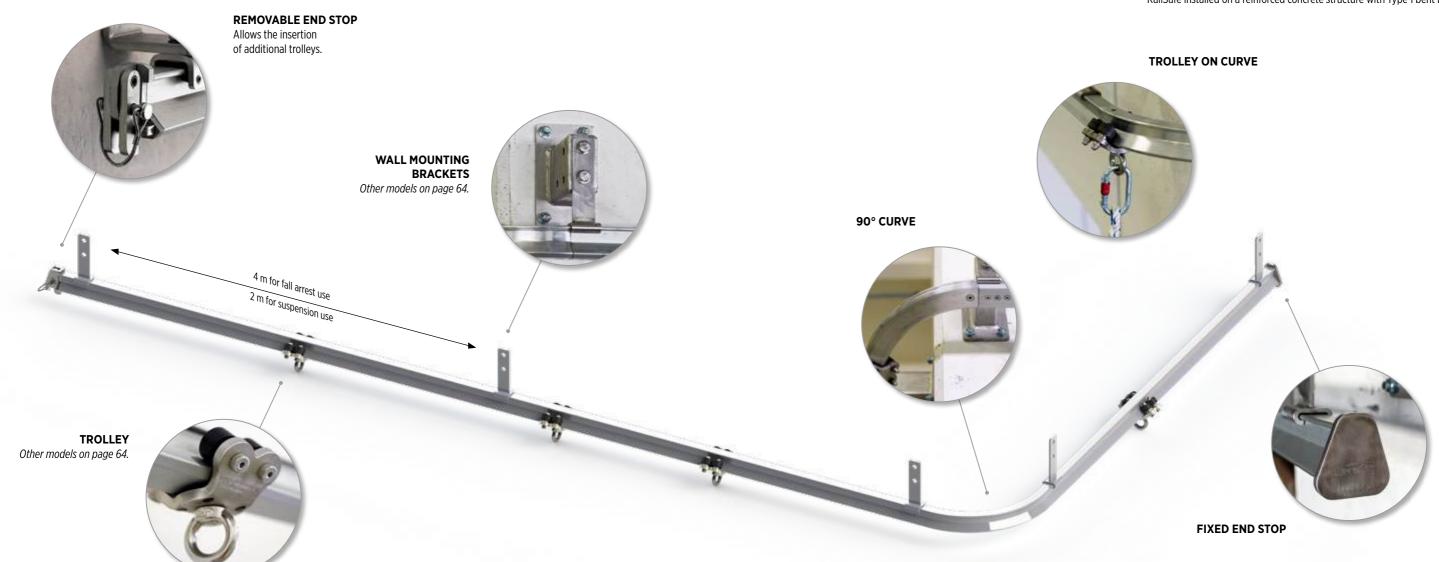


Available in ATEX 2014/34/EU version





RailSafe installed on a reinforced concrete structure with Type 1 bent brackets.



Rendering of the RailSafe lifeline



36 TYPE D LIFELINE TYPE D LIFELINE **37**

Truck Solution

Available in ATEX 2014/34/EU version

EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015 ANSI Z.359.1



Safety for trucks

MODULAR SYSTEM FOR LOADING BAYS

Combined with the RailSafe rigid rail lifeline, the Truck Solution system ensures safety during loading, unloading, and maintenance activities carried out on top of trucks or tankers. Truck Solution is available in 5-meter modules, which can be combined to achieve the desired length. Based on customer requirements, the system can be customized in terms of length, height, and fixing methods, ensuring configuration flexibility. Easily transportable and quick to assemble, it is the ideal solution for operator safety. On request, RailSafe can be configured with curved elements.

AL ZINC

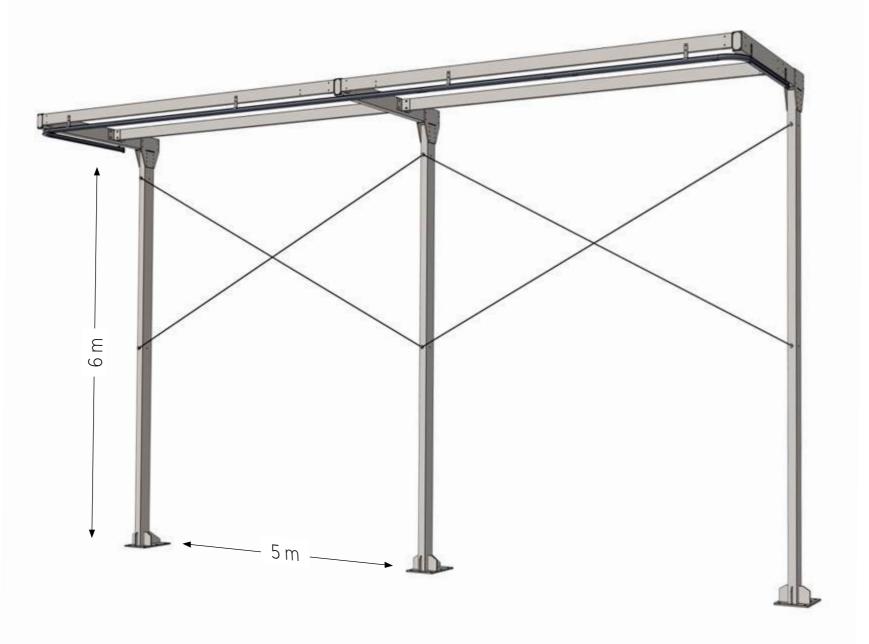




END STOP OPENABLE



RAILSAFE AND TROLLEY





Operator on tank truck while collecting samples.



UniOmniSafe



Adjustable-height structural post from 37 to 51 cm.

ACCESSORIES – see p. 62







EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

TRENTINO SICUREZZA

Rotatable 360°. Particularly useful for small four-pitched roofs.



UniGolSafe

Controlled-deformation post. Adjustable height for minimal visual impact.













EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

EN 795:2012

CEN/TS 16415:2013

UNI 11578:2015

UniPalSafe

Fixed-height structural post, available with flat, inclined, or double-inclined base.

H 08



₹3





H 50





EN 795:2012

CEN/TS 16415:2013

UNI 11578:2015





Inclined



Double-Inclined

GanSafe

Economical under-tile hook with minimal visual impact. Laser-cut from a single piece with no welds.











Multi-hole plate

Allows easy connection to supporting structures.







FlexSafe 1 slot

Flexible under-tile hook, easy to install, suitable for roof assemblies of considerable thickness.



FlexSafe 2 slots

Flexible under-tile hook, particularly suitable for use in valleys.









H 20



360

H 35

metal roofs For corrugations with a pitch of 70 ←→ 360 mm.

For corrugated sheet



H 60

For standing seam metal roofs For seams with a pitch of 390 ←→ 630 mm.

TRENTINO SICUREZZA 42 ANCHOR POINTS

UniGmSafe

Easy to install, low visual impact. Particularly suitable for timber and concrete.







EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015

UniSafe

Minimal visual impact, compatible with the anchors listed below, and rotatable 360° when integrated with them.









EN 795:2012 CEN/TS 16415:2013 UNI 11578:2015



For flat sheet metal



For corrugated sheet metal



For tile-profile sheet metal



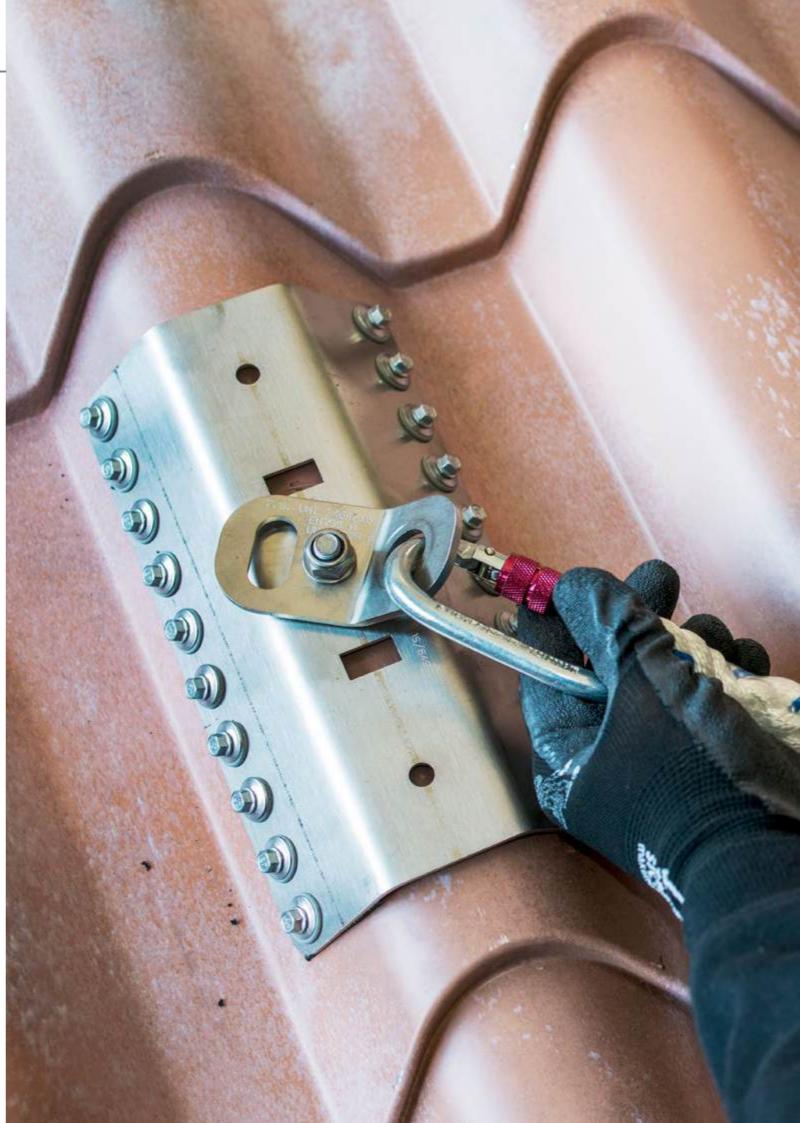
For standing seam metal roofs



For standing seam metal roofs with s5 clamps

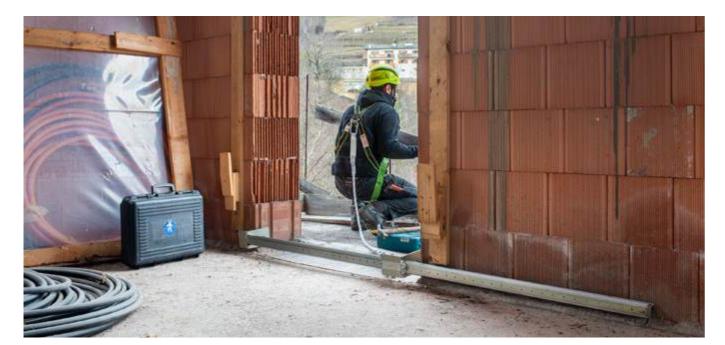








BSafe EN 795:2012 CEN/TS 16415:2013 Self-locking mobile anchor devices for roof windows, (€ skylights, and French windows. Provides safe access at height and is particularly useful for installing the first anchor point of a new fall arrest system or for site inspections when no fall protection system is in place. Adjustable for openings from 50 to 106 cm; with the extension, it covers openings up to 225 cm. AL **2** 2 BSafe with extension Covers openings up to 225 cm.



BSafe with extension on a balcony without guardrail.

GstSafe

EN 795:2012 CEN/TS 16415:2013

Hook for securing portable ladders, preventing tipping or slipping. Made of stainless steel, suitable for aggressive environments, industrial plants, water treatment tanks, etc.

Equipped with two Type A anchor points.

INOX

2 2







Inclined brackets



GstSafe with wall brackets on an industrial structure.

GsSafe

Hook for securing portable ladders, preventing tipping or slipping. Economical and low-profile, particularly suitable for residential buildings.







GsSafe with wall bracket inside an industrial warehouse.

TRENTINO SICUREZZA 48 ACCESS SYSTEMS

UniScala

System for securing ascent, descent, or work positioning on any certified ladder.

Compatible with ladders of different heights and types: portable, fixed, with or without a safety cage. Equipped with EN 353-2 guided rope device.

Version with stainless steel rope kit: particularly suitable for permanent installation in aggressive environments or outdoors. Version with textile rope kit: removable, perfect for adapting to ladders of variable length.

INOX ZINC



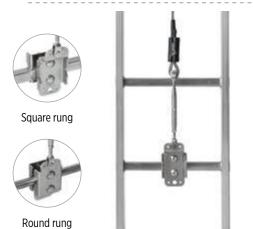




UniScala with EN 353-2 guided rope device.

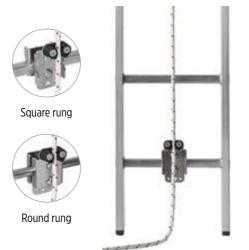
Version with stainless steel rope kit





Version with textile rope kit







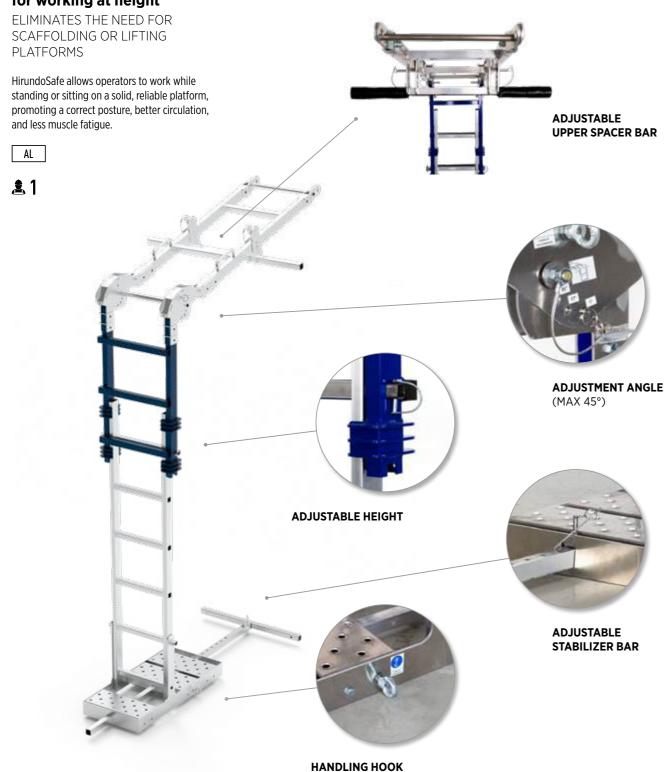


52 WORK POSITIONING SYSTEM TRENTINO SICUREZZA SICUREZZA

HirundoSafe



Safety and comfort for working at height









Work under the eaves.

Access to the work area.

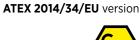


What is a confined space?

The Italian legislation defines a confined space as any environment characterized by limited access or exit routes, in which the risk of death or serious injury is very high due to the presence of hazardous substances or conditions (e.g., lack of oxygen or presence of harmful gases).

In such work environments, any unforeseen event can lead to serious consequences due to the difficulty of providing assistance. In this section, we present some essential devices for working safely in confined spaces and environments suspected of pollution. Additional devices are available on the website.







Rescue device for confined spaces, allowing retrieval of an injured operator in just a few minutes. Compact 25, thanks to its small size and light weight, can be folded onto itself and is easily transportable.

COMPACT 25

Simple to use, it is ideal for accessing tanks, basins, silos, wells, and other

Compatible with all self-retracting fall arresters with rescue function (EN 360 - EN 1496).

ZINC

2 2





Ready to use in just a few steps









56 CONFINED SPACES TRENTINO SICUREZZA

Compact 25Interchangeable bases







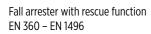
Mobile base for manholes

Wall-mount base

Floor-mount base

Compact 25Complements







Winch



Adapter plates for any fall arrester or winch



Mobile pulley with oscillating flanges

Special equipment for confined spaces



Lone worker and gas detection device



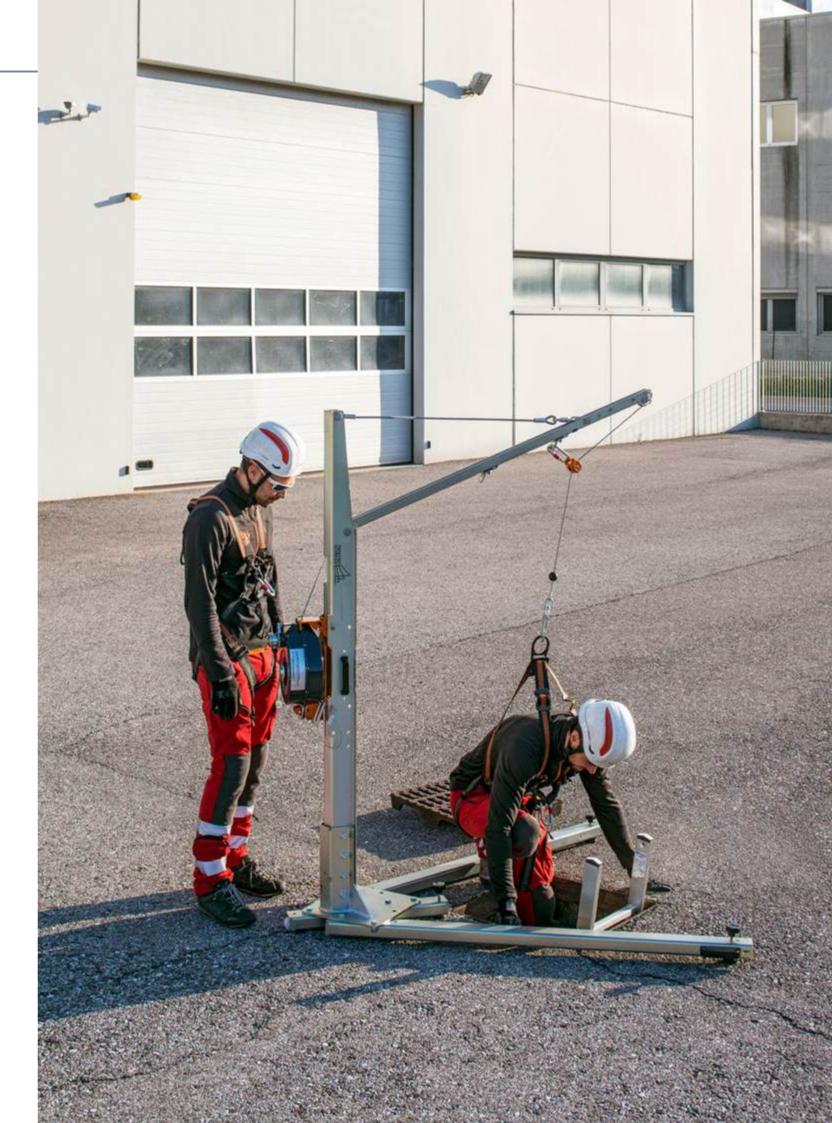
Fresh-air respirator (assisted version)



Portable self-contained breathing apparatus



Rescue SCBA



58 COLLECTIVE PROTECTION SYSTEMS TRENTING SICUREZZA SICUREZZA TRENTING SICUREZZA SICU

Guardrails

Permanent guardrails are used to provide perimeter protection on roofs, but also to prevent falls inside openings such as skylights or shafts.

Available in fixed versions – wall-mounted or floor-mounted – or freestanding, for situations where traditional fixings cannot be used.

Products certified to EN 14122-3. Available in versions compliant with NTC requirements.





Straight freestanding guardrail.



Straight guardrail, floor-mounted.



Straight guardrail, wall-mounted.

Safety nets

Certified walk-on safety net, usable for protecting skylights, shafts, and similar openings. Made of special high-strength steel wire in a rhomboidal mesh. Customizable to size, offering complete design flexibility.

ZINC



Safety net installed in cantilever configuration.

Skylight protection

Certified safety net for skylight protection, supplied in rolls 25 m in length and heights between 122 cm and 253 cm. Electro welded mesh with triple selvedge at the ends. Horizontal and vertical wires in galvanised steel.

ZINC





Nets supplied in 25 m rolls.

60 LADDERS AND WALKWAYS PPE 61

Ladders

Available on request: fixed ladders with or without safety cages, and portable ladders. Ladders are supplied in standard models or custom-made to specific requirements.









Custom-made special ladder



Extension ladder

Walkways

Pedestrian walkways ideal for creating safe paths or overcoming level changes. Supplied with or without guardrails, in standard or customised models.





Standard walkway.



Custom walkway.

Personal Protective Equipment (PPE)



Fall arrest harness



Fall arrest and work positioning harness



Adjustable fall arrester



Single rope fall arrester

Self-retracting fall arrester







Self-retracting fall arrester with winch





Safety helmet



Rescue and/or confined space tripod

Sliding fall arrester on rope



Temporary textile lifeline



Protective clothing

Accessories



Warning sign board

Mandatory element to be placed near the access point. Languages: Italian, English, German, and French.



Ridge kit

Kit for fixing structural post anchors to rafters, on slopes or ridge. For rafters with a spacing of 54 to 103 cm.



Sliding block

Device to be positioned on the lifeline rope to stop the movement of the carabiner.



Inclination adapter

Also suitable for other post solutions.

Designed for the Omni range.

TsBlock cable clamp kit

adjusting the cable to the desired length.

Cable clamping device, essential for

Easy and convenient to use.

Universal backing plate

250x150 mm backing plate compatible with most Type A and Type C devices.



250x250 mm backing plate compatible with all structural post devices.



Backing plate for UniGolSafe

190x50 mm backing plate compatible with the UniGolSafe device.



Backing plate for 8 cm posts

120x120 mm backing plate compatible with 8 cm structural post anchors.



Waterproof sheath

Sheath with self-adhesive side bands that

adhere perfectly to emerging structures.

Sealing collar

from 25 to 125 mm.

Universal waterproofing for circular-

section post anchors, for diameters

Cross plate



Backing plate for EcoSafe

260x100 mm backing plate compatible with the EcoSafe device.

Accessories



Backing plate for UniGmSafe and FlexSafe

115x36 mm backing plate compatible with UniGmSafe and FlexSafe devices.



Wood screws with washer

Full-thread chipboard fasteners. Available in various lengths and diameters.



Mechanical fixings for concrete

Mechanical fastening elements for anchoring devices to concrete. Available in various lengths and diameters.



Chemical fixings for concrete

Fastening elements with chemical resin for anchoring devices to concrete. Available in various lengths and diameters.



Sheet metal rivets

Aluminium body with seal, aluminium mandrel, and round head.



Self-drilling screws for sheet metal

Bimetallic screw with drilling tip, washer with EPDM gasket.



Hydraulic pull tester

Portable site tester for performing load and extraction tests on anchors, with a pulling capacity of up to 20 kN.



Dynamometer

Dynamometer with integrated display for measuring pulling force during inspections of installed fall arrest devices.



Manual winch

Manual winch with chain for performing tensile tests on installed devices.



Torque wrench Torque wrench with reversible ratchet for controlled tightening of anchors. in 6 mm and 8 mm diameters. Operating range: 20-100 Nm.



Connecting cable

Cable for movement across the roof. Available



Riser structure

Required to increase the height of post devices and surpass insulation systems. Available in heights of 20, 30, or 40 cm. 64 COMPONENTS TRENTINO SICUREZZA

Components

RailSafe components



Trolley S



Type 1 bracket



Type 1 bent bracket



L bracket



Trolley R



Type 2 bracket



Type 2 bent bracket



V bracket



Trolley E



C bracket



C bent bracket



Support structure

Other components



QuickTsSafe shuttle



BSafe carry bag



BSafe extension

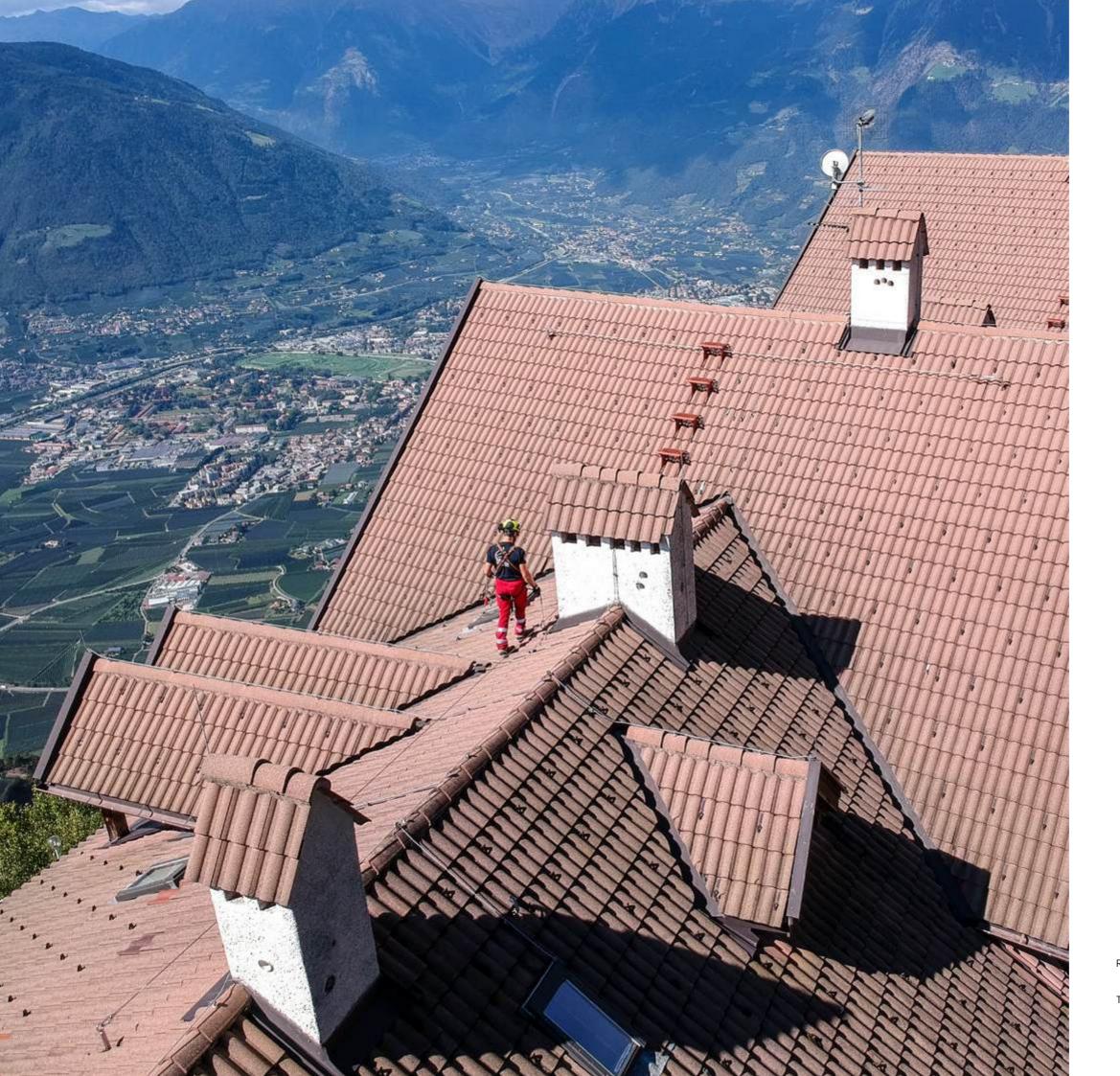


Compact 25 carry bag



Telescopic pole





Ed. TS0225 Images klrfoto.com – TS archives Design Christian Tomasi

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The manufacturer reserves the right to make technical changes to products as part of technical developments.



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