



SECURLINE

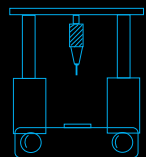
SÉCURITÉ ANTICHUTE SUR-MESURE

SAFETY ANTIFALLS CUSTOM-MADE

Your Safety Expert



A specialized design office in fall arrest



Our own manufacturing tool
that allows us to have a super
quick response even for
complex manufacturing



A quality department with dynamic and
static tests devices
in compliance with Standard
EN 795:2012



A network of installers
and resellers specialized in
work at height safety

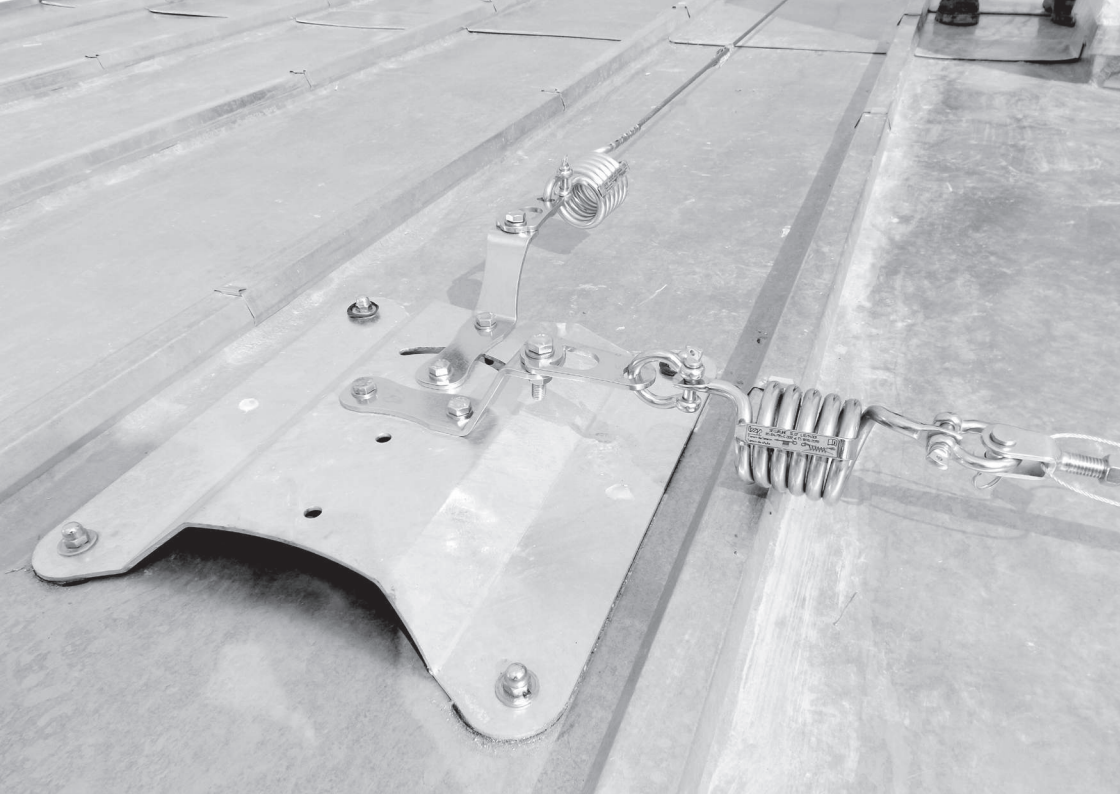
SECURLINE

sécurité antichute sur-mesure

SAFETY ANTIFALLS CUSTOM-MADE

French design and marketed by a network of companies known for their competence in the field of safety regarding fall from heights, the SecurLine range offers standard or custom-made solutions catering to all your problems related to fall arrest.







WHO ARE WE

SECURLINE HEIGHT SAFETY EXPERT
 AVAILABILITY AND REACTIVITY
 OUR QUALITY APPROACH



THE BASIC CONCEPTS AND THE DOE

WHAT IS THE STANDARD NF EN 795 2012
 MAIN RULES FOR INSTALLING CABLE LIFELINES
 LINKED TOOLS



OUR EXPERTISE OFFICE

THE EXPERTISE OFFICE
 OUR EXCLUSIVE TEST AREA
 OUR GOALS



OUR PRODUCTS OUR SOLUTIONS

ANCHORING DEVICES
 LIFELINES
 SOLUTIONS
 GANTRIES AND BRACKETS
 CUSTOM-MADE INTERFACES AND GUARDRAILS
 CUSTOM-MADE BRIDGES, WALKWAYS AND DECKS
 SECURING THE TRANSLUCENT MATERIALS



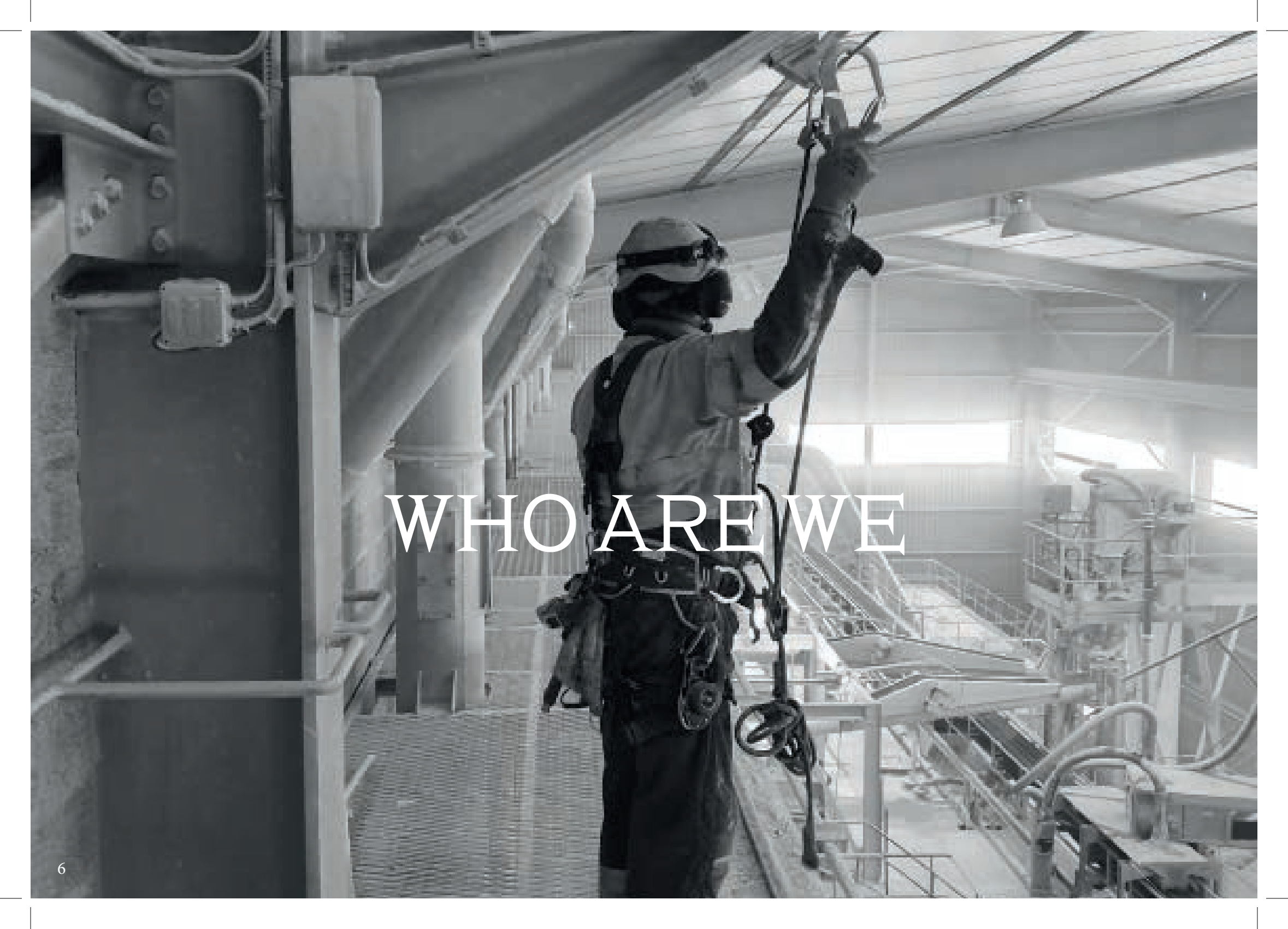
REGULATION- STANDARDS

WORK AT HEIGHT : DEFINITION
 LEGISLATIVE AND REGULATORY PROVISIONS
 COLLECTIVE PROTECTION INDIVIDUAL PROTECTION



YOUR EXPERTS

THE MESSAGE FROM THE DIRECTOR
 THE SECURLINE TEAM
 YOUR PRIVILEGED CONTACTS
 THE WEBSITE SECURLINE.FR
 DID YOU KNOW
 NOTES



WHO ARE WE



SecurLine thus relies on both its cutting-edge design office on a technical and regulatory level, on a full range of fall arrest solutions including collective and individual security solutions and especially on a network of installers recognized for their skills in the field of safety against falls from height.





SECURLINE, HEIGHT SAFETY EXPERT

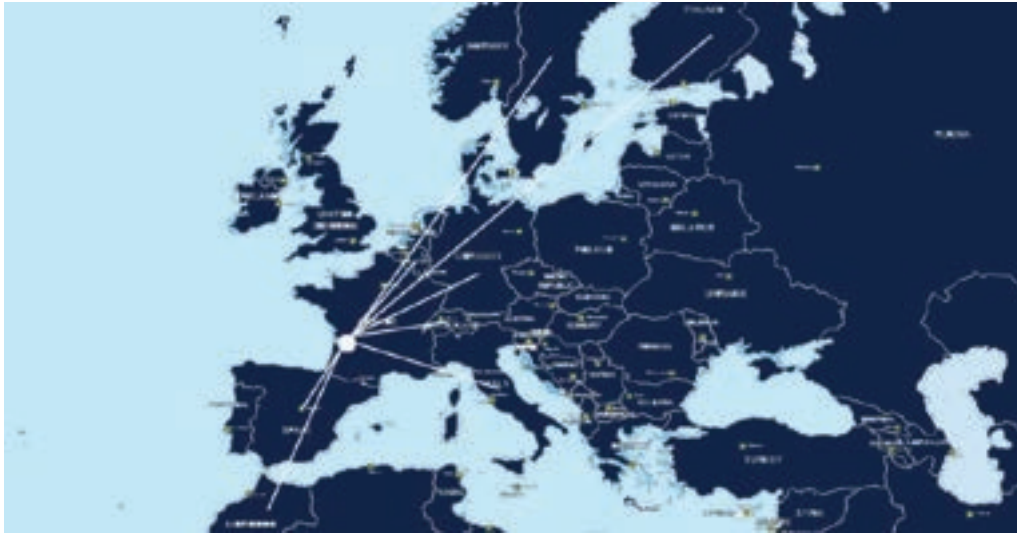
Established in the municipality of Barbezieux in the Poitou-Charente (South West of France) since 1987 thanks to LMP, his historical partner, SecurLine, height safety expert, can provide you with a complete service, through risk analysis, the design and manufacture of your solution as well as the installation and work-at-height training for your operators.

Over the years SecurLine has become, in France, one of the main players in the field of fall protection.

Now present throughout France and internationally SecurLine today provides an extensive network of distributors and installers with lifelines, anchoring devices, guardrails and roof access.

From analyzing your risks to maintaining fall arrest systems through the study of risks, safety, installation and training we systematically bring you one or more solutions to secure your operators. Whether it is to secure your roofs, secure your overhead cranes, to secure interventions on vehicles etc. we have the expertise and the appropriate fall arrest systems.

SecurLine is a dynamic and innovative team of business managers and engineers, ready for studying your projects. It is the assurance of a training provided to installers and distributors, and commitment to only distribute products that comply with current standards.



SecurLine is ideally located in the southwest, close to all connections (road, airport, rail and sea).

Both at the production site and within our sales network, SecurLine relies on a team of engineers and technicians to advise you in terms of technical solutions.



AVAILABILITY AND REACTIVITY

We have our own design and manufacturing tool.

This direct relationship between the sales department and the mechanized welding workshop allows you to have a super quick response and preparation time, even for complex manufacturing.

This is why SecurLine is committed to responding quickly to your price requests.. They are processed by our sales department within 24 hours to 48 hours maximum if specific products are to be studied.

A 100% in-house design and manufacturing workshop guarantee of responsiveness and ultra-short deadlines before delivery.



OUR QUALITY APPROACH

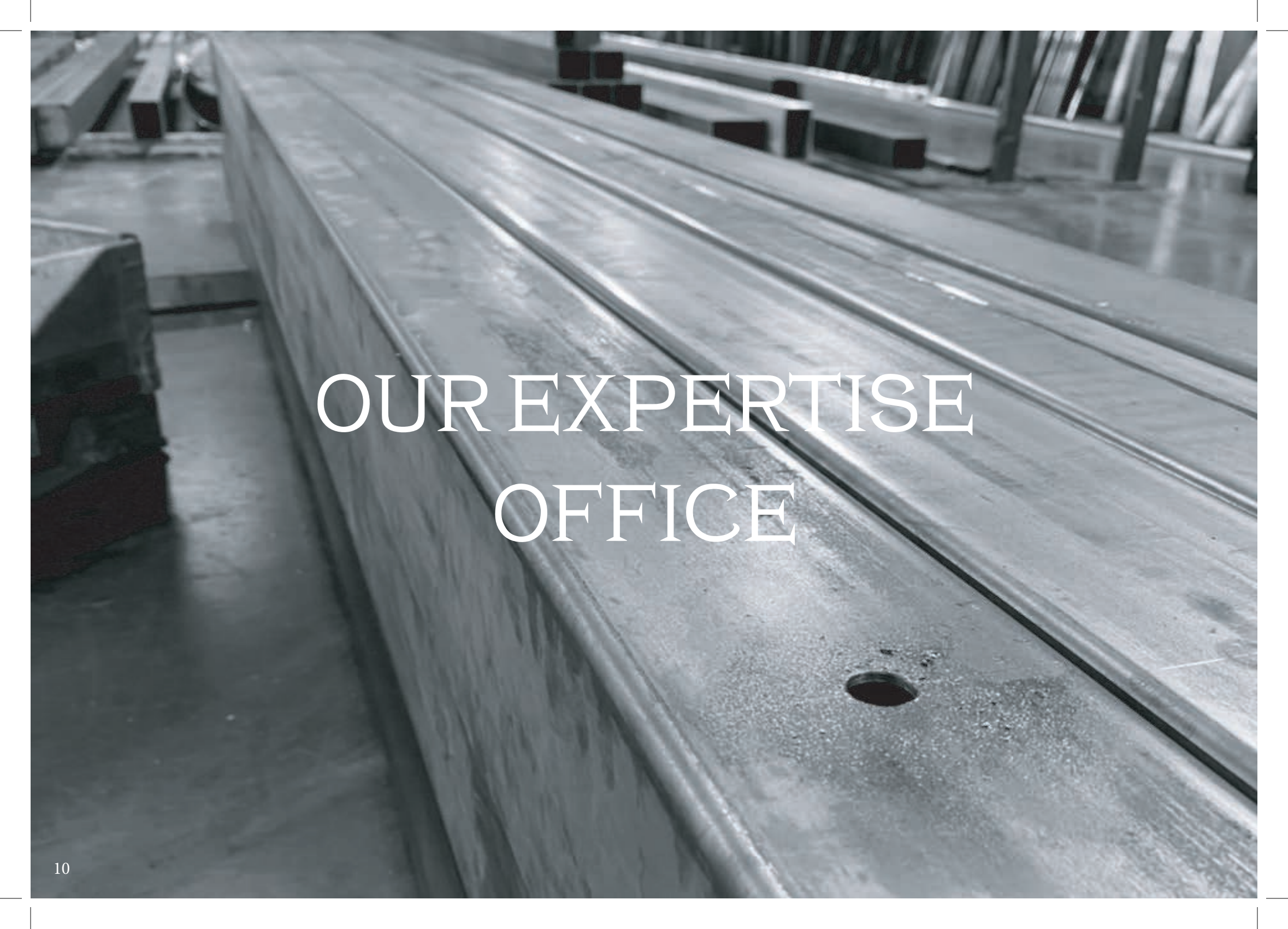
SecurLine is constantly evolving.

Our team aims to progress and help you progress.

We take your comments into account and know how to adapt with the ambition to continuously improve our products and services to facilitate their installation and use.

With the objective of always being at the forefront in the field of fall arrest, SecurLine has developed a new generation of lifelines and interfaces conform to the new standard NF EN 795 2012 with the aim of improving operation, quality and safety factors of our components for lifelines, anchors, rigid and dynamic interfaces.





OUR EXPERTISE OFFICE

SECURLINE has a lifeline design office allowing it to develop its range of standard fall arrest systems but above all to offer you custom-made solutions.

This exclusive design office specializing in fall prevention is developing innovative solutions both in the field of individual and collective protection.





THESEURLINEEXPERTISE

SecurLine is therefore suitable, just like the specialists making up our sales and installation network, to carry out an audit of your sites and your workstations in order to secure the various workstations.

SecurLine thus relies on both its cutting-edge design office on a technical and regulatory level, on a full range of fall arrest solutions including collective and individual security solutions and especially on a network of installers recognized for their skills in the field of safety against falls from height.

That's why the fall prevention and engineering office has the knowledge and tools to :

- Make an analysis of the technical specifications ;
- Realise a pre-study and a budget estimate (a technical memory with the issues can be let on request) ;
- Size the structures in order to be in compliance with the current norms (NF 795 : 2012) thanks to a powerful computing and a calculation program and 3D drawing per finished element ;
- Realise the plans useful for the manufacturing and the assembly of the project ;
- Redact calculation notes for installation reception by the control authority ;
- Follow up the manufacturing reception until final reception.

This is why SecurLine has test benches adapted to fall arrest systems :

- 10 tons static test bench.
- Dynamic test bench weighing 100 to 200kg that enables conducting compliance test.
- Dynamic test bench to test the SecurBac connectors in real conditions, with steel cover, zinc plated, waterproof tray and waterproof chipboard.

SecurLine is able to realise studies, calculation notes and manufacturing plans for custom-made solutions and this in accordance with the regulations concerning work and safety at height and the standard NF EN 795 Type C 2012.

To provide safe and high-quality products from a safety perspective, each series (serial number) is tested in terms of mechanical and corrosion resistance.

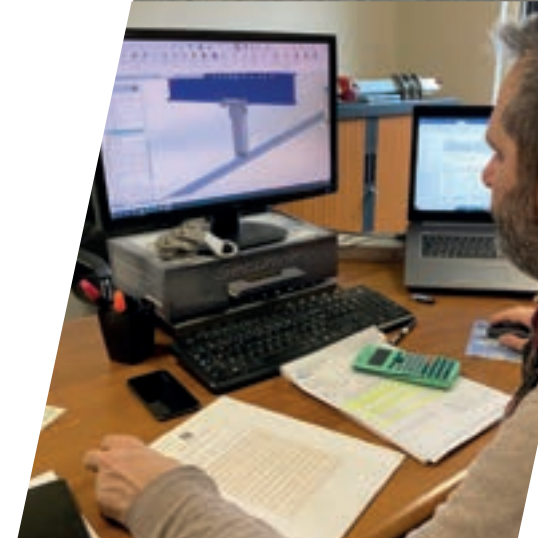
The SecurLine goal is to offer you a full service to solve your problems with regard to falls from heights taking into account :

- Regulations on work at heights.
- Technical constraints imposed.
- The kind of intervention which will be carried out on site.

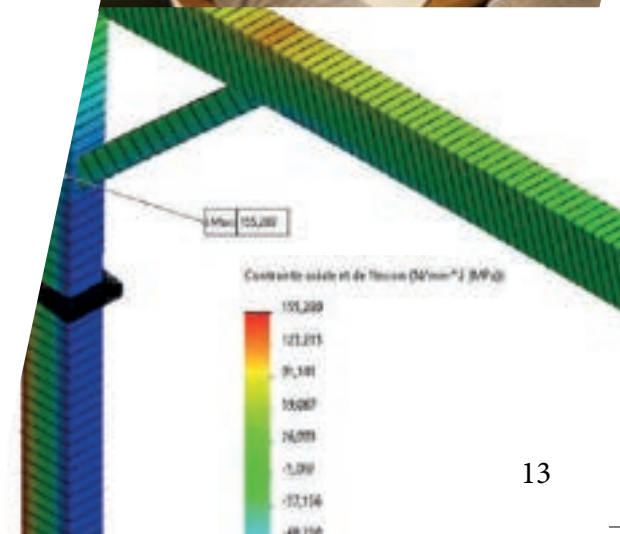
Our on-site testing area allows SecurLine to check in real time and in a real situation.



In addition, the studies carried out may help to support your technical briefs and thus improve your price offers during consultations. In addition to the design tools by computer, SecurLine has a dedicated fall arrest test site. This tool is used to perform drop tests on prototypes (in real conditions and according to the conditions of the standard NF EN 795:2012).



This tool also makes it possible to perform static validation tests at 1 or 2 times the peak effort. These tests can, if necessary, be carried out with an external control office in order to receive a specific certificate.





REGULATION SAFETY STANDARDS

The regulation does not provide any definition of work at height.

It is up to the employer to investigate if there is a risk of falling from a height during the risk assessment. The Labour Code specifies the rules to be followed for the design, layout and use of workplaces and for the design and use of equipment for work at heights.

Special rules apply to the construction sector and to certain categories of workers.

SecurLine has been the first height safety specialist to comply with the standard NF EN 795 :2012.





REGULATION

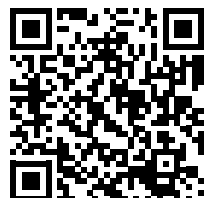
The legislative and regulatory provisions specific to work at height are mainly contained in the Labour Code. The risk of falling from a height, like all other risks to which a worker may be exposed during his work, is specified in the general provisions of the Labour Code. 4121-1 to 5). The prevention is carried out according to the general principles of prevention.

As a last resort...

Individual protection against falls from height is reserved for two situations :

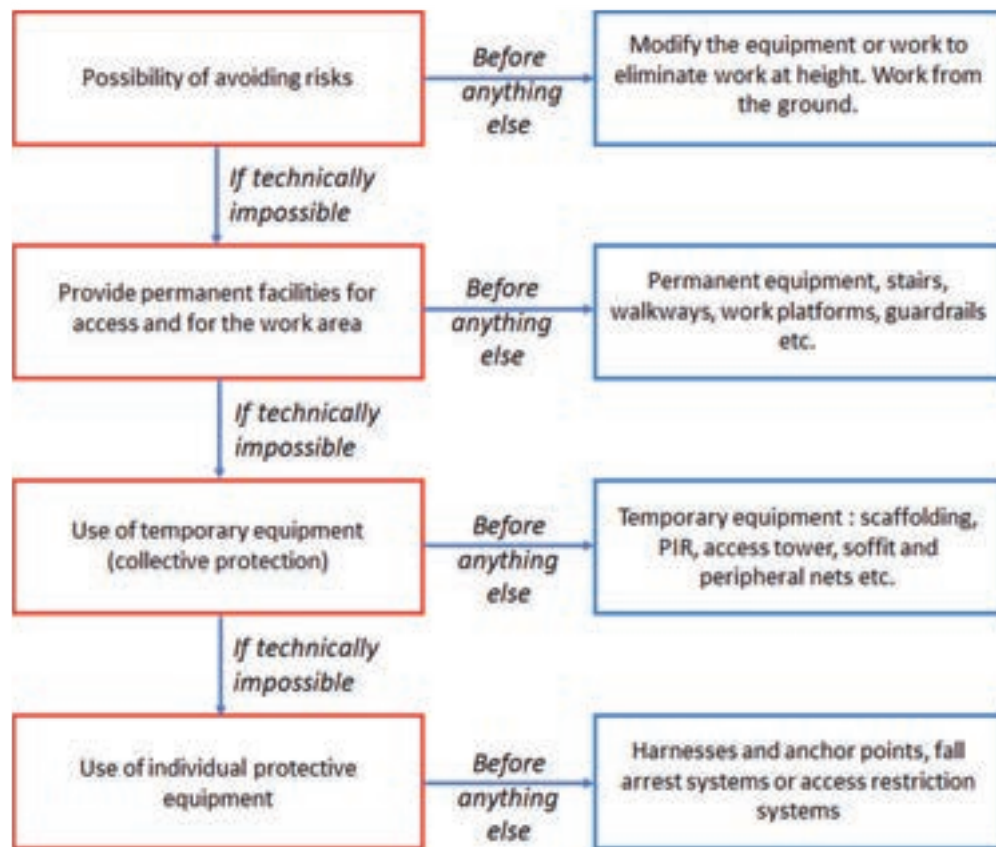
- If temporary equipment for collective protection can not be implemented.
- Where it is not possible to use equipment for access and work at heights providing collective protection (scaffolding, buckets, lifting platforms).

There are three types of fall arrest systems, restraint systems and workstation systems.



It is only when it is technically impossible to implement collective protection that the use of PPE against falls from height can be considered (Article R. 4323-61 du Code du Travail). These personal protection systems are used to stop the fall or to prevent access to fall hazard areas. These systems can also be implemented to protect the staff who installs the collective protective devices when the operating procedures do not eliminate the risk of falling.

To know more about height safety regulation do not hesitate to go onto the Securline website : www.securline.fr/réglementation



The protection of workers must be ensured with an appropriate fall arrest system.

All establishments, without exception, are affected by the implementation of the regulations.

Collective protection takes priority over individual protection.





SAFETY STANDARDS

What is the STANDARD NF EN 795 : 2012 ?

The standard NF EN 795:2012 defines the performance requirements and test methods for fall arrest anchors for one user (for lifelines the Norm TS 16415 defines tests to validate life line for multiple users).

Those anchors devices include anchor points, permanent or mobile, intended for component connections part of a personal protection equipment against fall compliant with the Norm NF EN 363. It defines as well requirements concerning the marking and the instructions. This Norm gives as well recommendations for the installation and the periodic review.

INFORMATION CONCERNING THE NEW VERSION OF STANDARD EN 795 : 2012 FEV 2016

The most important changes of the Norm EN 795 : 2012 FEV 2016 are :

- The informations related to the installation will have to be furnished by the manufacturer.
- The recommendations related to the guides to supply after an installation.
- The recommendations related to periodic review.



In this new version of the Norm NF EN 795 : 2012, the informations related to the installation supplied by the manufacturer must stipulate :

- That the anchor devices (life lines, anchor points..) shall be installed by skilled persons.
- That the installation has to be checked in a valuable way (by calculations or tests)
- The load to fix on structure and on structural anchors shall be supplied to the installer by the manufacturer.
- That if the device's marking is not accessible after the installation, an additional marking shall be set nearby.
- The lifeline's arrows in the using conditions (including the fall's factor or the lifeline used as a holding line).
- An information that stipulates that it is recommended to lay lifelines in such a way that in case of fall, the support's arrows won't hit a sharp edge or any other element that could damage the flexible line.
- An information of the maximal angle to which the flexible line is authorized to get in or out of the intermediary supports or the angle anchors.

Anchoring devices must be installed by competent and duly authorized persons or organizations.



The installation must be properly checked, either by calculation or by on-site tests.



The SL 12 sign to be attached to the fall arrest solution itself includes the mandatory elements imposed by the standard EN 795 : 2016.



The SL12 ACC fall arrest solution access sign by SecurLine gives all the mandatory information in a concise and efficient way.





THE BASIC CONCEPTS AND THE D.O.E

When studying a fall arrest solution, such as an anchor point or lifeline, certain concepts must be mastered.

Several factors must be taken into account to ensure the complete security of future users.

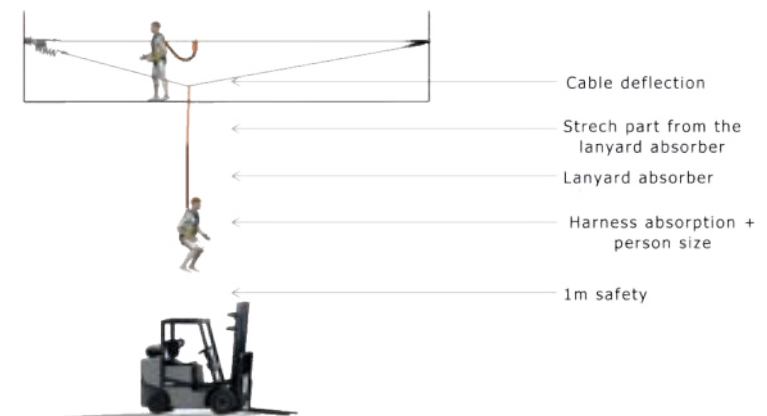




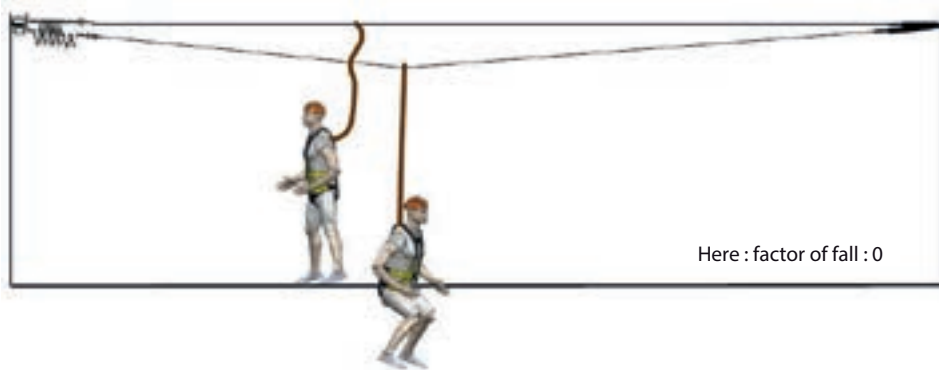
REMINDER

This is why, before determining the installation method of the lifeline, it is necessary to know :

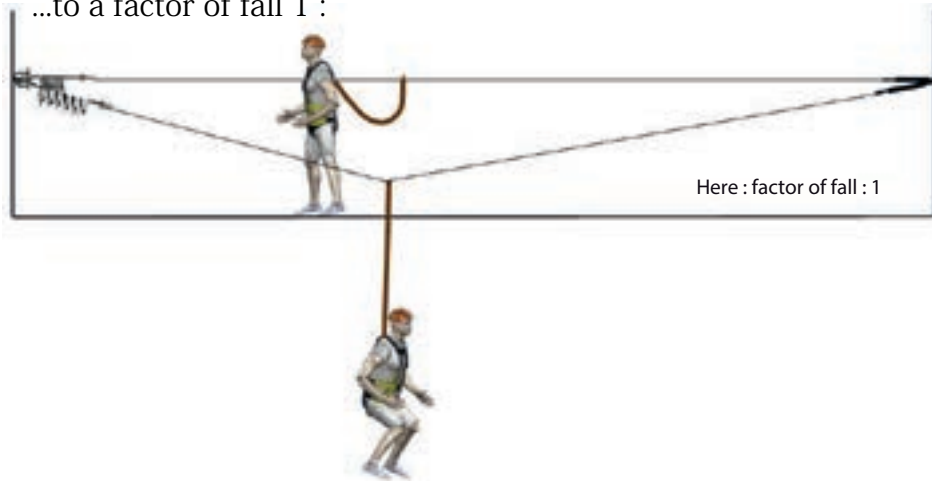
- Available fall height : the stopping distance of a fall can be significant. It depends mainly on the positioning of the anchor and the type of fall arrest associated with it.
- The type of operation (maintenance, cleaning) that secures this installation.
- The type of structure that takes the strains of the fall (roofing, metal structure, wooden framework, beam or concrete slab etc.).
- The types of PPE that will be used by the future users.



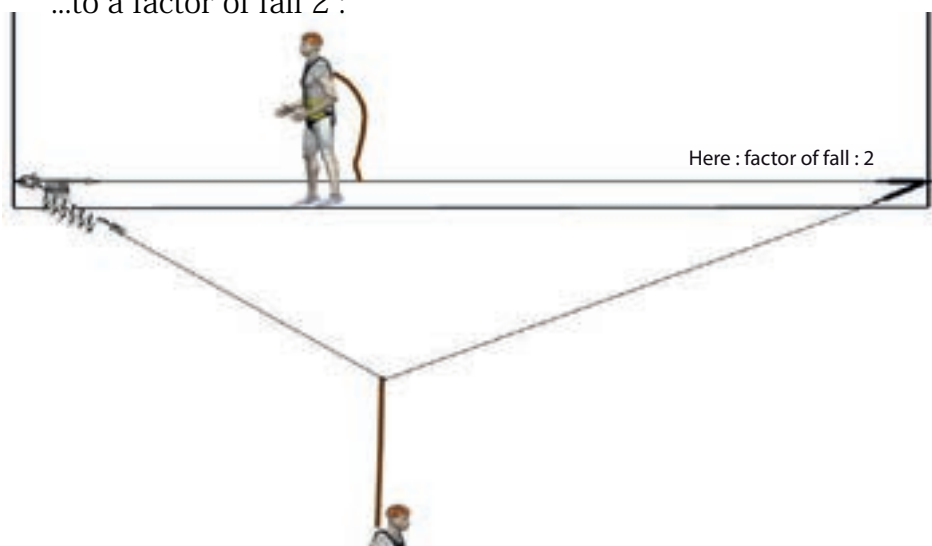
When defining installation, firstly, it is important to prefer a factor of fall 0... :



...to a factor of fall 1 :

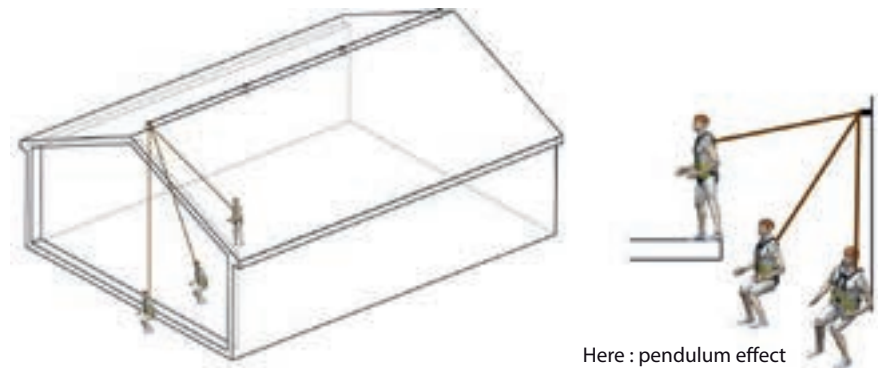


...to a factor of fall 2 :

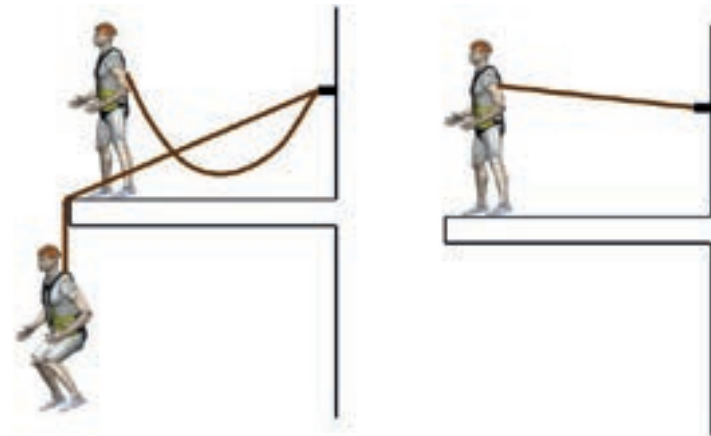


The lifeline must therefore be placed above the operator in order to limit the height of the fall and the strain on the connectors and structural anchors.

It is equally important to take into consideration the balancing effects or pendulum effects :



It is important to opt for restraint systems or maintenance system as compared to the fall arrest system. This requires, in particular, a clear definition of the type of PPE. The information on the type of PPE to use is given on the panel/sign.





SECURLINE LIFELINE: MAIN RULES FOR INSTALLING CABLE LIFELINES

- Only horizontal lifeline (tolerated angle of 15° in accordance with the standard EN 795 : 2012).
- Connection to the lifeline using a carabiner or snap hooks SL50, SL50-OH and SL51.
- The number of users is limited to 3.
- The maximum range is 15m.
- An angle = an absorber at each end.
- The SecurLine lifeline has three types of endings (crimp, screw-on sleeve or Secur-Vit).
- The SecurLine lifeline has three types of intermediate and angled loops (semiautomatic, automatic and over-head).
- The absorber guarantees a strain that is always less than 900daN at the end.
- In general, the lifeline jib is important.
- All end, angled, and intermediate connections are made using M12 bolts.

- All attachments of the lifeline components must be made of stainless steel and must be fitted with an anti-sag system. It is also possible to combine several elements (angles, end SL14, intermediate) on the same connection.
- The lifeline can be installed on rigid interfaces or on Securbac interfaces with a maximum angle of 60 °.
- When installed in a masonry-type support, a tensile test must be conducted on a pull tester at 500 daN for 15 seconds.

Precision : each SecurLine product has its own assembly instructions freely downloadable from the website www.securline.fr. You can also find each QR-Code associated with its product in this catalog.

THE BEHAVIOUR OF A LIFELINE

The behaviour of a lifeline also depends on the components that build it. Technical choices can have a major impact on the deflection and on the strain taken up by the receiving structure. The main components that affect the behaviour of a lifeline are given in the following order :

- The type of interface (dynamic or fixed);
- The number and type of absorbers;
- The type of passer-by angle;
- The type of intermediate passer-by.

To a lesser extent, the type of cable and connector type (type of shuttle or carabiner) may slightly modify the behaviour (deflection and effort) of a lifeline.

If there is an angle on the lifeline : an absorber must be installed at each end.

All end, corner and intermediate fixings are made with M12 bolts.

The number of absorbers is to be taken into account in the behavior of the lifeline due to the impact on the boom and on the forces.





THE BEHAVIOUR OF A LIFELINE (NEXT PART)

Moreover, the way in which these components are associated can strongly modify the behaviour of the lifeline in the event of a fall :

- Intermediate passers-by (as a general rule, reducing the spaces is always positive. When a space is divided by 3, the deflection of the cable in case of a fall is divided by 2. Moreover, the strain at the ends also decreases).
- The number of absorbers also has an impact on the deflection and the strain.
- The total length of the lifeline.
- The number of users.
- To a lesser extent, the initial tension has an influence on the behaviour of the life line.

THE FILE OF EXECUTED WORK "*LE DOSSIER D'OUVRAGE EXÉCUTÉ*" (D.O.E)

The documentation (DOE) provides proof that the installation of the lifeline or the anchor point was carried out according to the rules of the art and according to the manufacturer's installation instructions.

The DOE is an essential tool for performing periodic checks and as such, a version of the DOE must be handed over to the project manager and remain in the building.

The DOE file may mainly consist of :

- A schematic diagram or layout diagram.
- Calculation of the lifeline
- Plans for customised interfaces.
- Calculation of customised interfaces.
- Technical data sheets for the lifeline components (technical file of the lifeline).
- An installation checklist (internal control).
- Certificates of conformity of the lifeline (also included in the SecurLine technical folder)
- Periodic check register.
- Photos of the tests carried out (with the pull tester or the torque wrench).
- Calibration certificate of the measuring instruments.
- Some photos of the installations.
- A clarification concerning the obligation to train future users.
- A paragraph specifying the type of PPE recommended for using the anchor system.

The presence of the calculation note in the D.O.E is compulsory.

As well as the associated certificates of conformity.

Example from a test realised with an extractometer.





TO GO FURTHER...

- SecurLine provides you with many tools.
- Designed to be easy to access and intuitive they are intended to be used as frequently as possible.
- SecurLine teams remain at your disposal at all times to offer you the complement you need.
- Find your experts and their contact details at the end of the catalog.



LINKEDTOOLS

SecurLine provides various tools for installers and users :

Website : www.securline.fr

Here, you can see the certificates of conformity, installation instructions of our various products as well as the sales network, new products and information on the whole range.

Do not hesitate to click onto the « news » button to be kept in touch with SecurLine.

Training unit :

This tool allows project managers, installers and anyone brought in, to check the installations.

Software calculation :

This tool enables determining the strain and arrows in the event of a fall.

PICTOGRAMS



Maximum 1 user allowed



Maximum 2 users allowed simultaneously



Maximum 3 users allowed simultaneously



possible use in confined space



for horizontal configuration



for wall configuration



for ceiling configuration

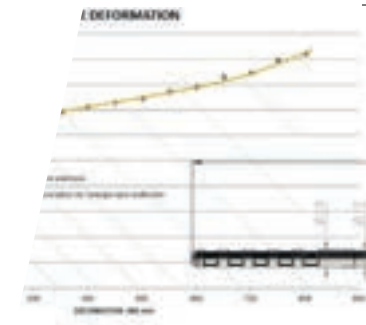


custom-made interface



technical manuals

Training can be provided within your company by a person authorized by SecurLine.



The software calculation : indispensable in the constitution of the D.O.E.



To keep you in touch with the latest news from SecurLine you just have to go onto his website www.securline.fr as well as its social networks.





OUR PRODUCTS

The SecurLine range includes :

- Anchoring devices SecurOne, S-One, S-One XL et Big-One.
- Standard semi-automatic lifeline.
- Automatic lifeline
- Over-Head lifelines.
- The SecurLine aluminium rail and the SecurLine inox 316 mantion rail



01

Points d'ancrage individuels

Individual Anchor Points

ANCHORING DEVICES

- The SecurLine anchor points are perfectly suitable for all structures.
- Arise through interfaces Secur, Secur-Bac and custom-made.
- Wide opening turning anchor points : ease of movement and connection.
- Can be placed on vertical, horizontal (floor and ceiling) and inclined supports.



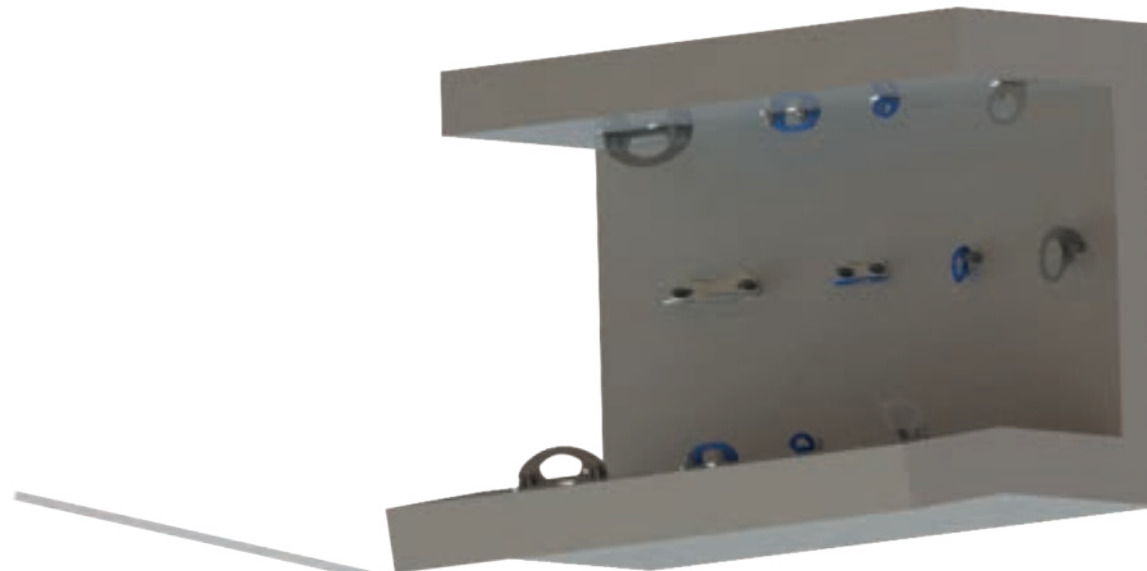
THE SECURLINE ANCHORING DEVICES

S-ONE : stainless steel anchoring device, rotating or fixed, plasticized or raw, intended for posts and anchor plates.

SECUR-ONE : stainless-steel 2-points anchoring device; can be set up directly on its support or clamped for more fragile supports.

S-ONE XL : stainless steel anchoring device, rotating or fixed, plasticized or raw, intended to remotely connect the carabiners with a large opening in particular with a pole.

BIG-ONE : Stainless-steel 2 points anchoring device with a large opening. Can be clamped without adapter interface on wide supports. Intended to remotely connect the carabiners with a large opening in particular with a pole.



- 1 - S-One
- 2 - Secur-One
- 3 - S-One XL
- 4 - Big One



02

Ligne de vie horizontale

Horizontal Lifeline

STANDARD LIFELINE

- Semi-automatic lifeline allowing continuous movement without detaching the intermediate supports.
- Easy passage of intermediate supports with a simple carabiner.
- Adaptable to different kind of supports using the multiple interfaces developed by SecurLine.
- Ideal in floor or wall configurations at user height.



THE SECURLINE STANDARD LIFELINE

Lifeline that can be perfectly installed with or without a crimper.

Stainless-steel components.

In case of a fall, the energy absorber limits the efforts. The permanent deformity of the absorber prevents the future users.

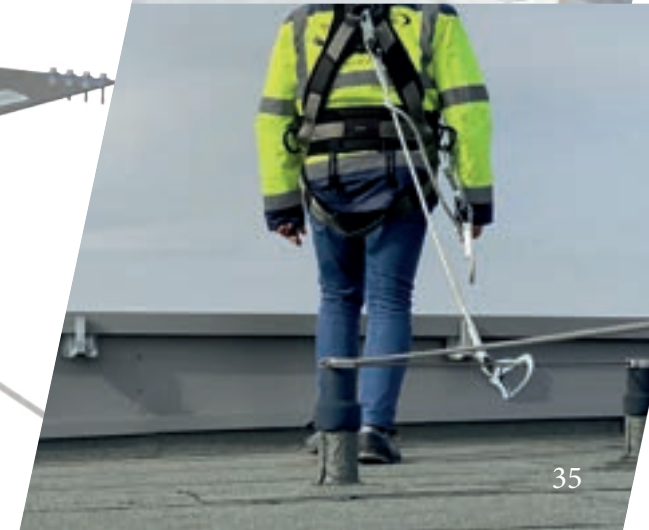
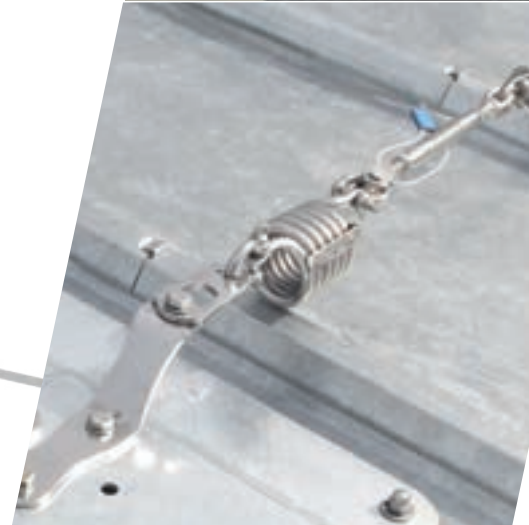
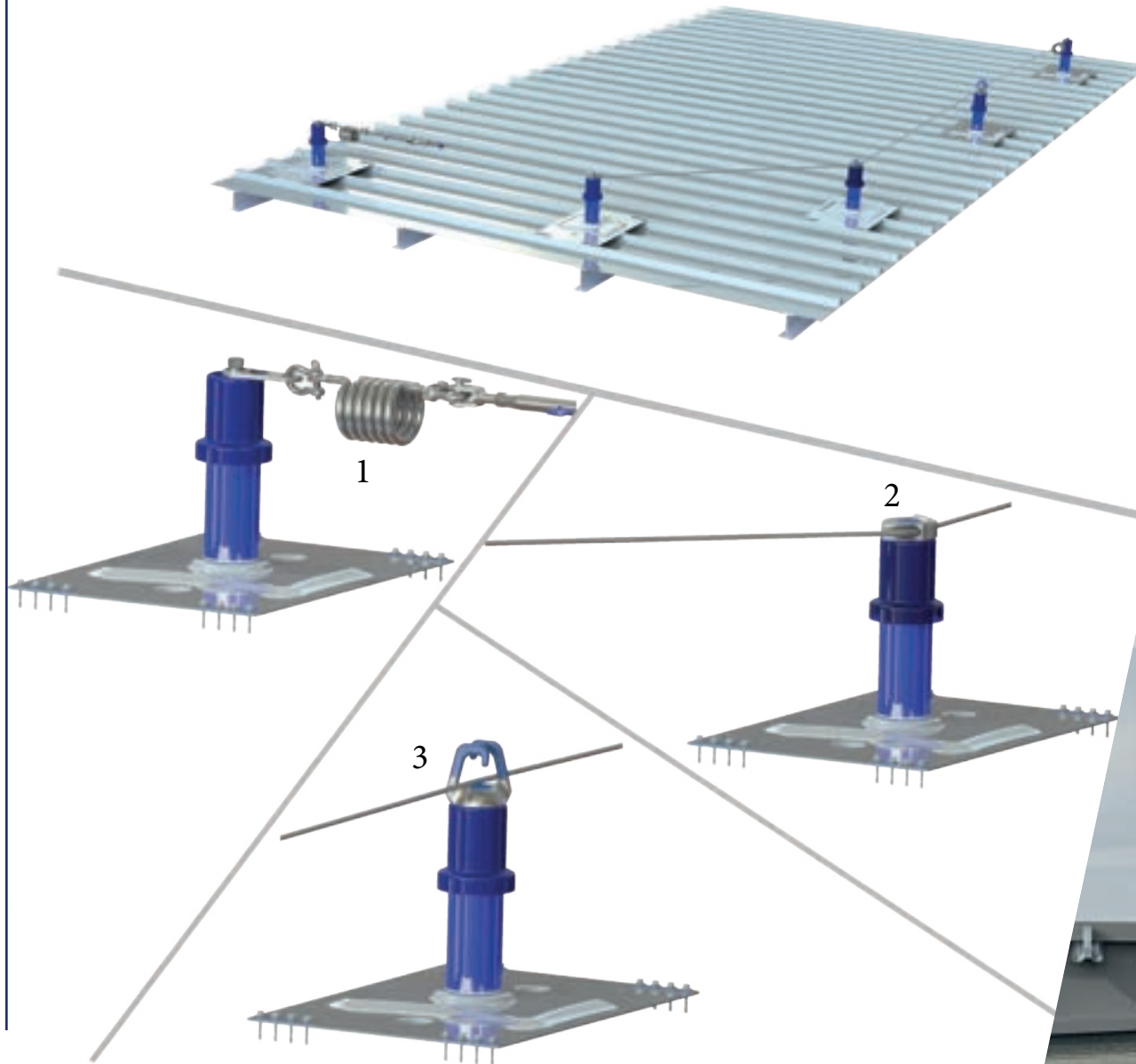
The absorber is available in a “crimp-on” version as well as in the double shackle version.

The tensioner is available in a “crimp-on” version or “screed-screed”.

Different kind of terminations : manual or crimp locking.

This horizontal lifeline can be installed on rigid interfaces, deformable interfaces (like the SecurBac interfaces) and on tailor-made interfaces.

- 1 - Absorber with shackle termination SL 07 + tensioner SL 09
- 2 - Corner passer SL 06
- 3 - Standard passer SL 05



03

Ligne de vie horizontale
Horizontal Lifeline

AUTOMATIC LIFELINE

- Ideal when the operator is working away from the anchor point.
- Adaptable to different kind of supports using the multiple interfaces developed by SecurLine.
- The absorber features an integrated fall indicator and tension indicator.
- The ultra-high performance automatic trolley SL50 allows the operator to connect anywhere along the cable.



THE SECURLINE AUTOMATIC LIFELINE

The automatic SecurLine lifeline is a horizontal lifeline with automatic passage that can be installed with or without a crimping machine.

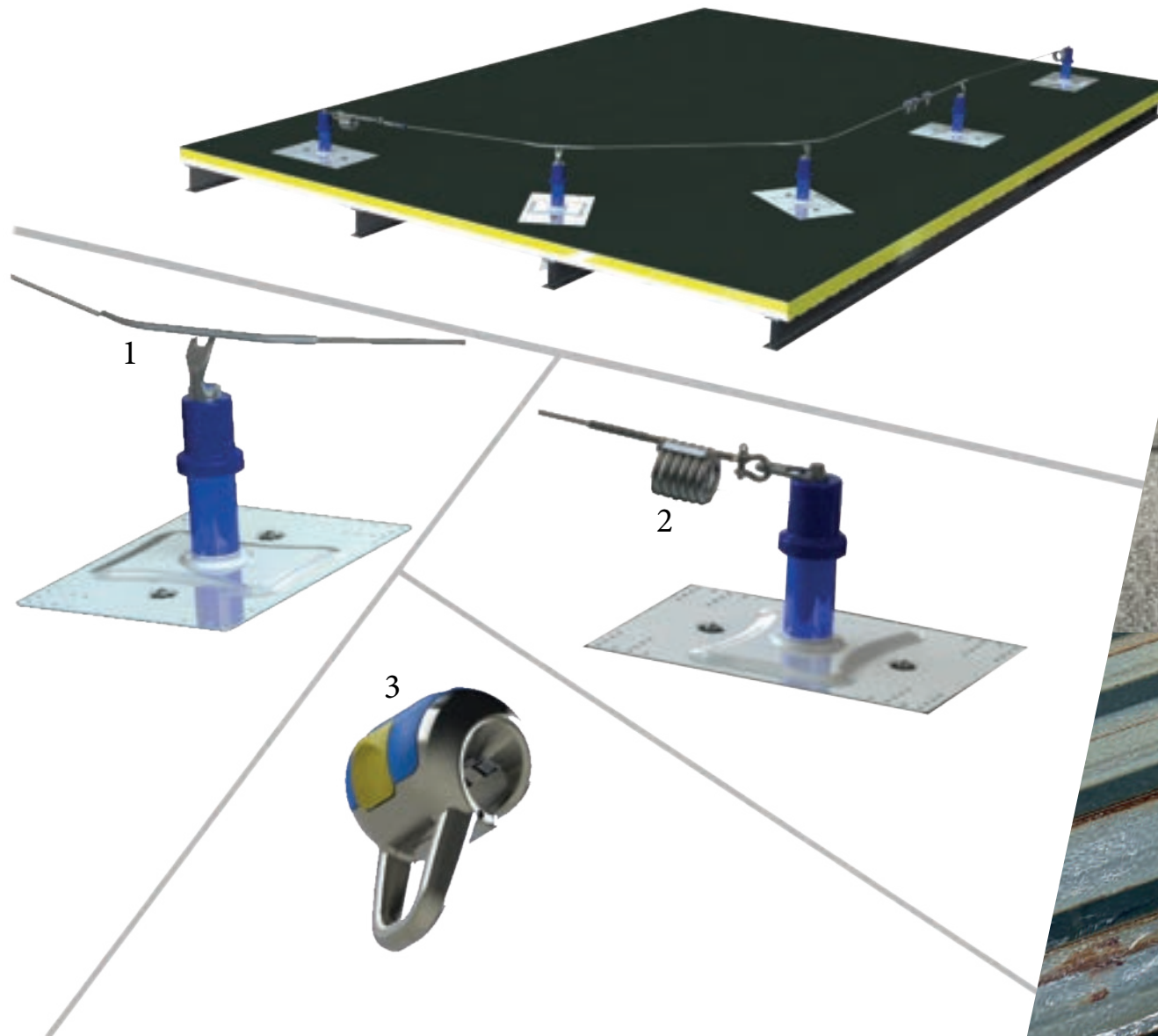
It allows continuous movement without detaching the intermediate supports.

Stainless steel components.

The automatic lifeline has the same characteristics as the SecurLine Standard, however the SL 50 automatic trolley has stainless steel ball bearings to facilitate movement on the cable. Its anchoring with a very large opening makes it possible to retake on the hook with any type of EN362 connector.

If the anchor point is located above the operator, it is best to switch over the SecurLine Overhead model.

- 1 - Loop for bending SL 33
- 2 - Shackle absorber SL 07
- 3 - Automatic trolley SL 50



04

Ligne de vie horizontale
Horizontal Lifeline

OVER-HEAD LIFELINE

- The ultra-high performance automatic trolley SL50 OH allows the operator to connect anywhere along the cable.
- Optimal passage of intermediate passers-by even with a heavy fall arrester and high height.
- Multiple uses: interior, exterior, metal frames, overhead cranes etc.
- Ideal when the lifeline is placed above the shoulder and beyond.



THE SECURLINE OVER-HEAD LIFELINE

The over-head automatic SecurLine lifeline is a horizontal lifeline.

Stainless-steel components.

SecurLine has developed an Over-Head absorber in a crimped and uncrimped version, allowing stronger tension. The ride quality is thus optimized, even with a heavy fall arrester with automatic return.

The SL50-OH hook is equipped with two stainless steel casters specifically designed for use on the SL04 cable. Its anchoring with a very large opening makes it possible to retake on the hook with any type of EN362 connector.

For single-span use, the SL51 pulley can be used.

- 1 - OH crimp absorber SL 08 and platinum SL 11
- 2 - Intermediate loop SL 33 OH-i
- 3 - Corner loop SL 30 OH-i



05

Ligne de vie horizontale
Horizontal Lifeline

ALUMINIUM & STAINLESS-STEEL RAIL LIFELINE

- Permanently installed section allowing large spans (up to 6m between 2 fixings) thanks to the great inertia of the material.
- Rigid belay system with almost zero deflection that can be used in wall, ceiling and roof position.
- Particularly suitable in situations or installations with low air drafts.
- Optimum comfort and perfect ride quality even with heavy fall arrest-er and high drop height.



THE SECURLINE ALUMINIUM AND STAINLESS-STEEL RAIL LIFELINE

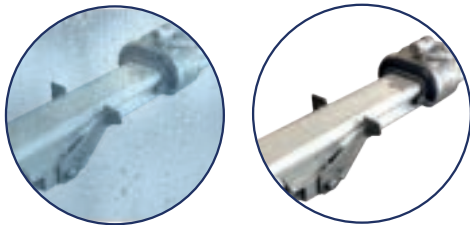
Allows use in tension and suspension.

Compared to a cable lifeline, the advantages of the SecurLine rail are as follows :

- Improved load distribution in the event of a fall.
- Low air draft.
- Improved rolling quality.
- Better aesthetics.

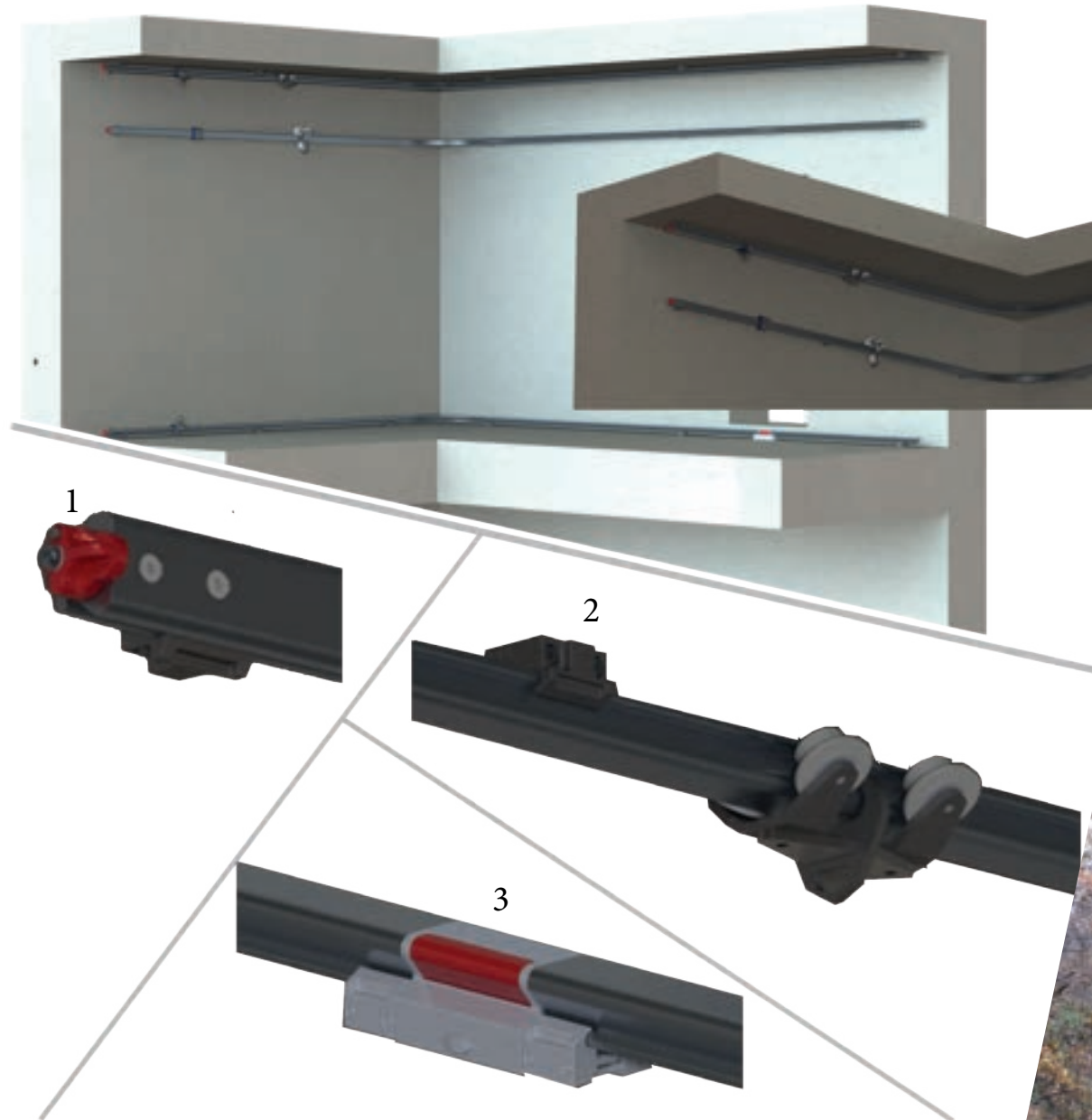
Anodised aluminium rail and rail connection. Also available in stainless steel version.

Can be fitted on all interfaces developed by SecurLine.



Stainless steel 316: perfectly suited to marine environments and corrosive atmospheres.

- 1 - Removable stop SR 83
- 2 - Standard fixing SR 84 and suspension shuttle SR 93
- 3 - Intermediate entry SR 85



06

Ligne de vie verticale
Vertical Lifeline

VERTICAL LIFELINE

- Mobile fall arrester including a rigid anchor line.
- Perfectly suited both indoors and outdoors, on pylons, concrete or metal structures, etc.
- In the event of a fall, the device instantly blocks the initiated fall on the line.
- Easy to install and control.



THE SECURLINE VERTICAL LIFELINE

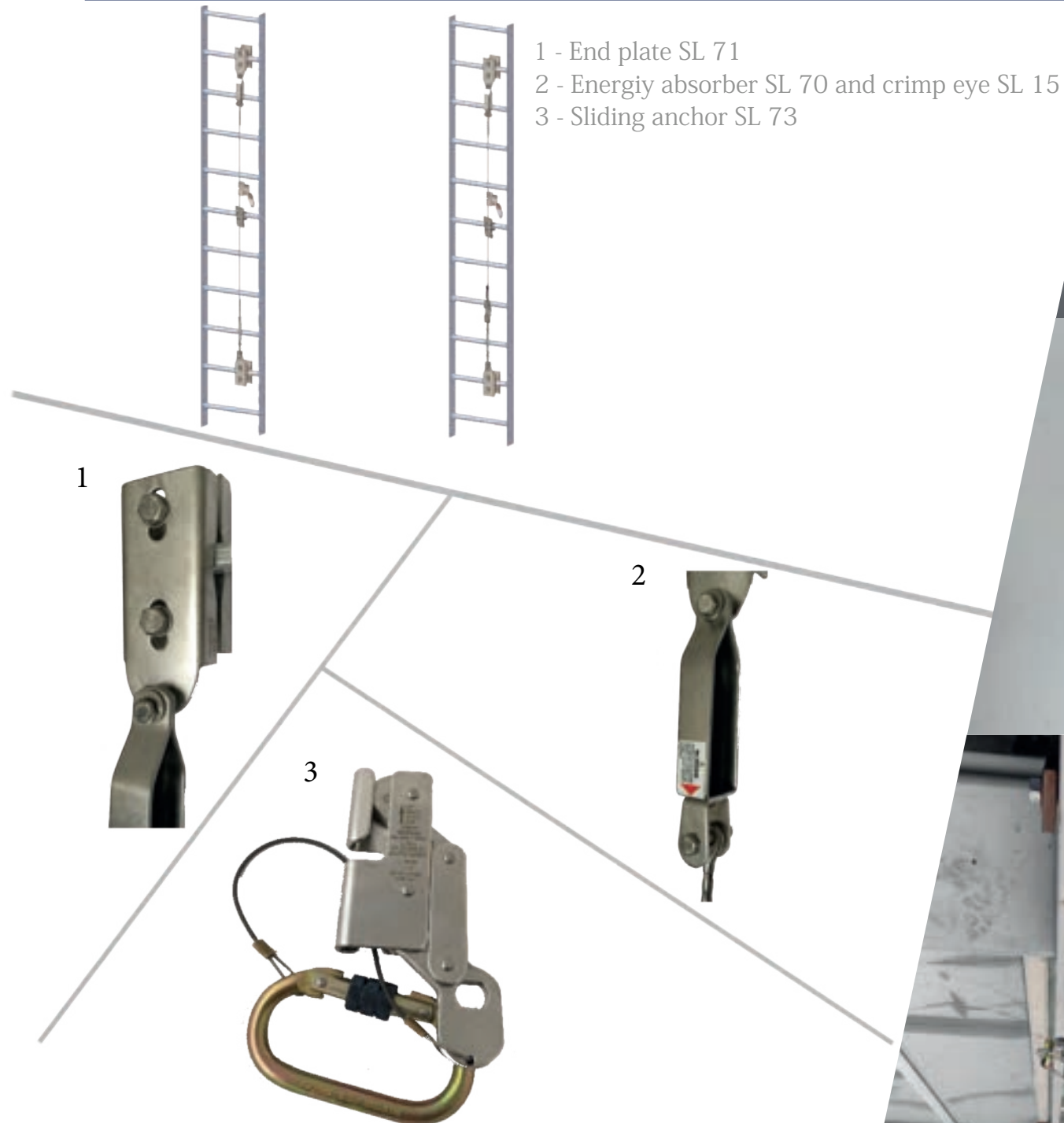
Stainless-steel components.

To be complete, a fall arrest system on cable must consist at least of :

- a high anchorage point coupled with an absorber,
- one (or more) intermediate attachment (at intervals of 8 meters),
- a low tether with a cable tensioning system,
- a belay support (cable),
- a fall arrester,
- and a sign.

Maximum inclination of such a system should not exceed 10° from the vertical.

The system can be adapted to specific interfaces developed by SecurLine or existing vertical structures like ladders.

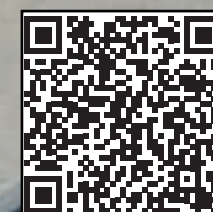


07

Interfaces rigides pour points d'ancrage et LDV
Rigid interfaces for anchor points and lifelines

SECUR RANGE for STEEL CONCRETE and CARPENTRY

- Secur interfaces allow fall arrest devices to be anchored directly to the building structure.
- Interfaces perfectly suited to concrete slabs, metal frames, structural timber purlins or glued laminated purlins.
- Suitable for use with anchor points and lifelines (standard, automatic, over-head and rail).
- Standard and tailor-made dimensions.



THE SECURLINE RANGE FOR STEEL CONCRETE AND CARPENTRY

Galvanized steel interfaces and removable bezels.

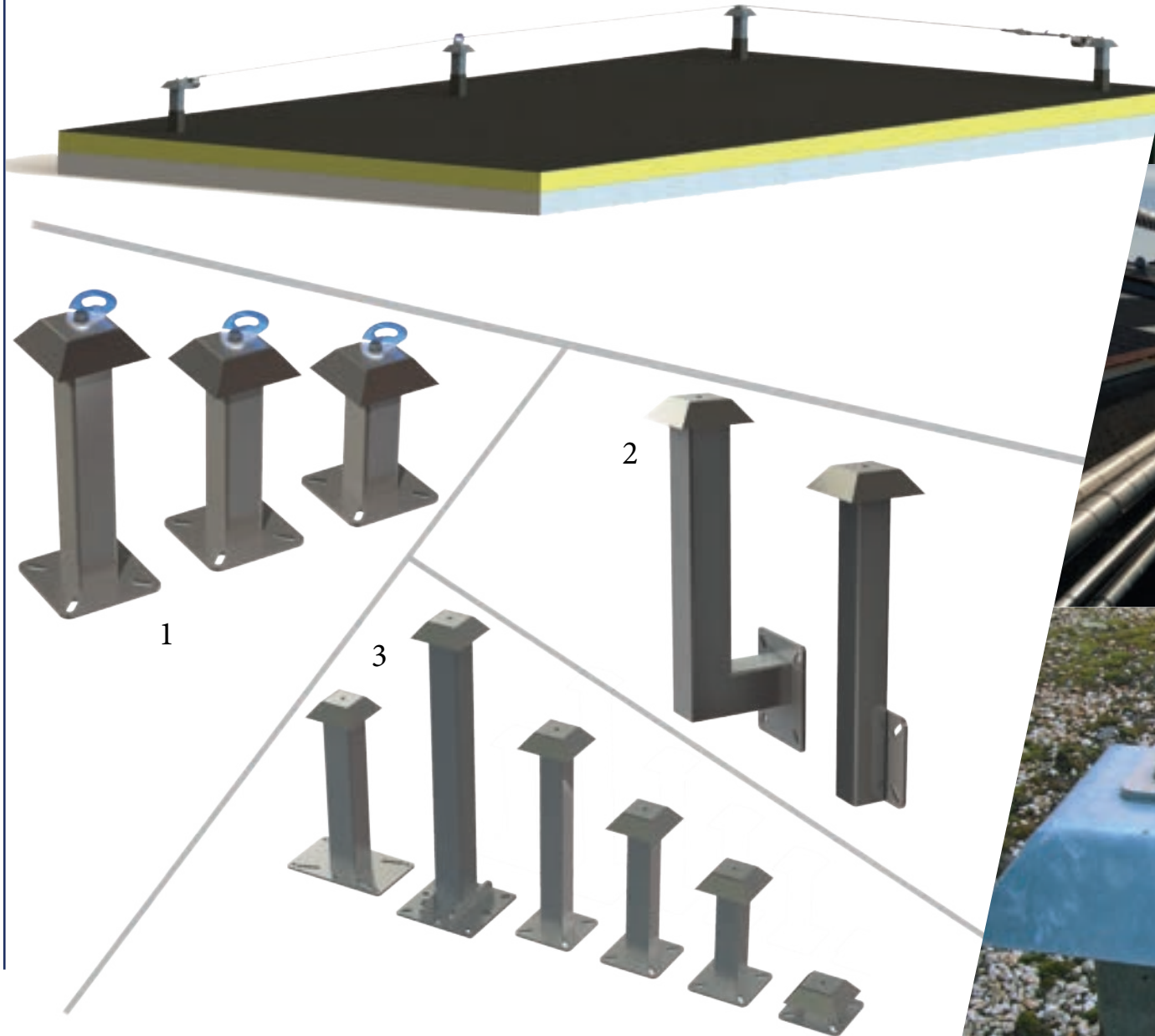
Can be used by 3 people if used for lifeline and for 1 person if used as anchor points.

Available in different heights for anchor points of lifelines.

Accessories available : counter-plates for clamping.

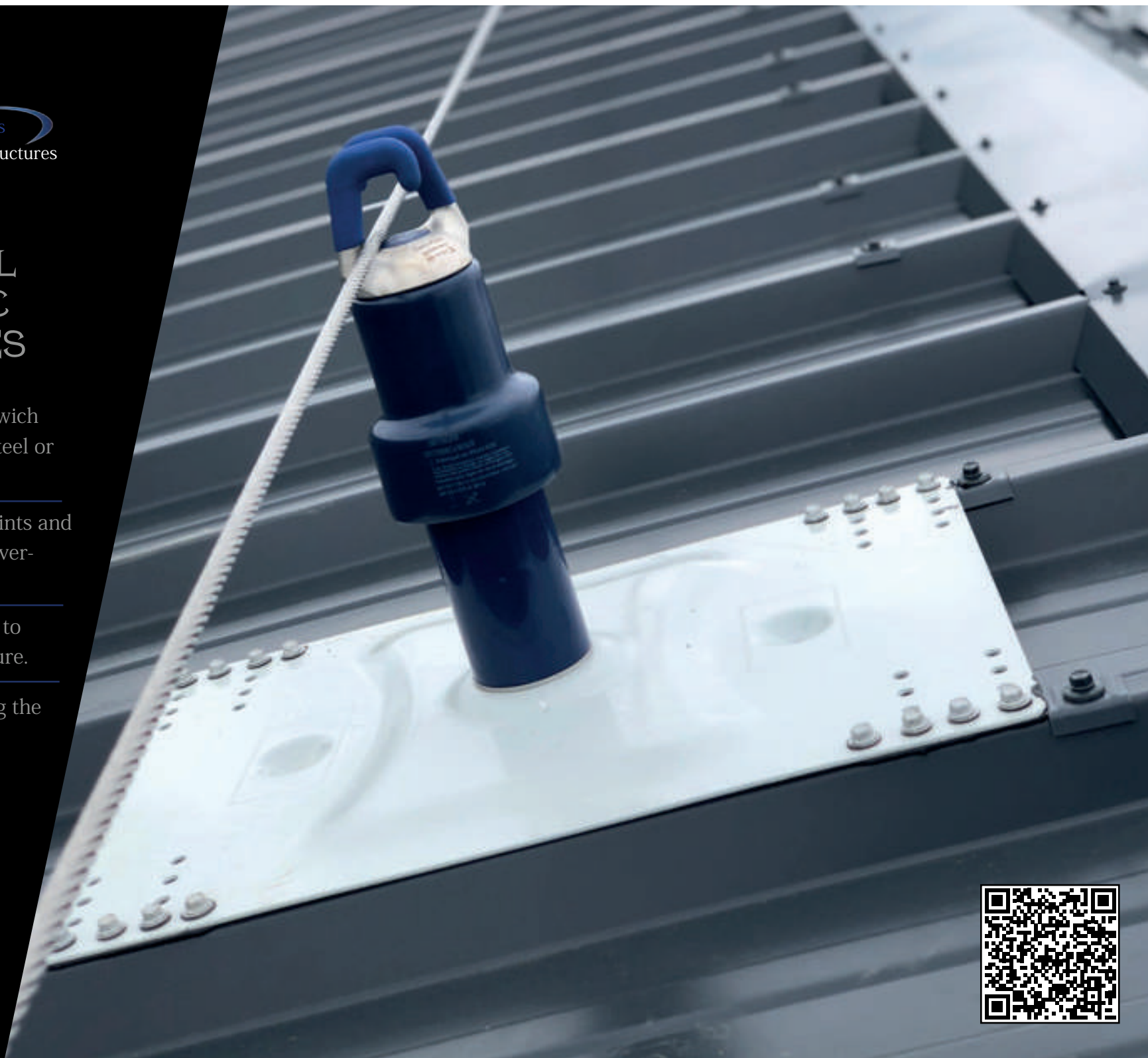
Different heights available as standard : 100, 300, 500 etc. and tailor-made to meet all needs.

- 1 - Standard interfaces SL 20
- 2 - Interfaces SL 22 and SL 22D
- 3 - Interfaces Secur 300, 400 and 500



UNIVERSAL SECURBAC INTERFACES

- For dry steel tank covers; sandwich panels; waterproof covers on steel or wood container supports.
- Suitable for use with anchor points and lifelines (standard, automatic, overhead and rail).
- Deformable interfaces allowing to reduce the forces on the structure.
- Allows great ease of positioning the lifeline on a case-by-case basis.



THE SECURLINE INTERFACES FOR STEEL TRAY AND WOODEN PANELS

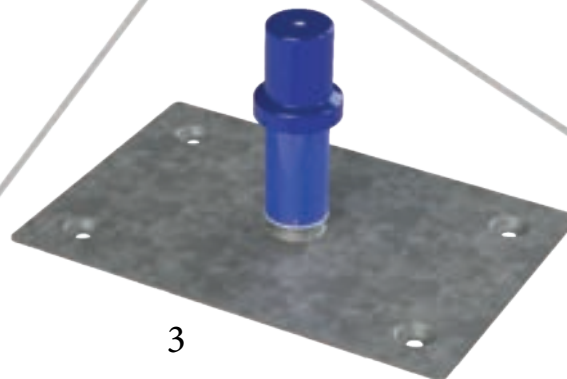
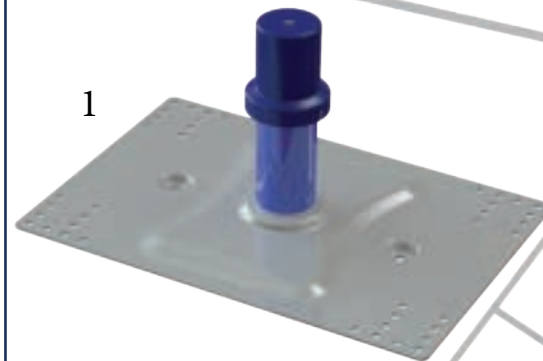
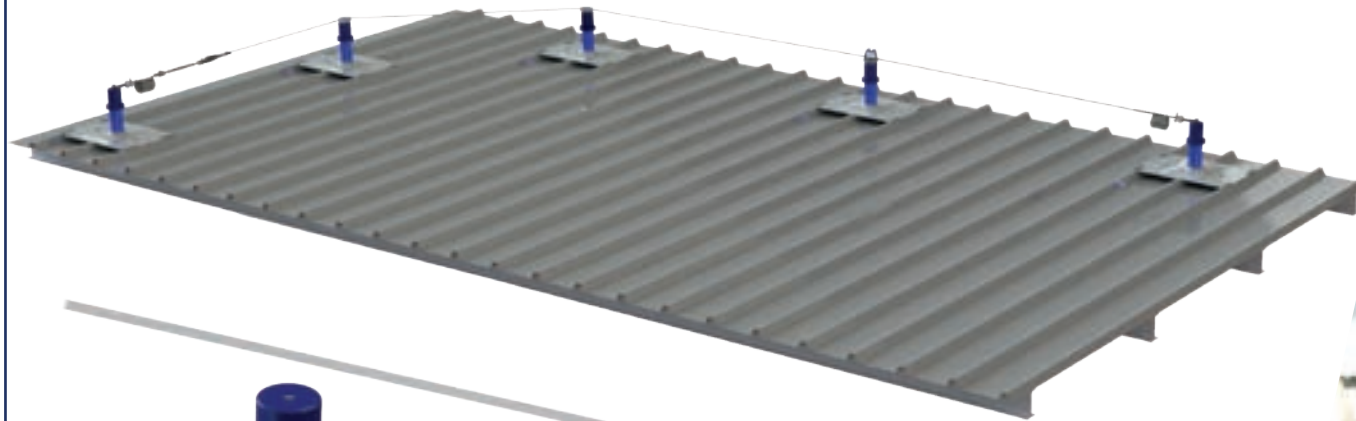
Universal interfaces that can be fixed with self-tapping screws, rivets or toggle rods.

Adaptable on the most common waves. If the width between the waves are not standard SecurLine also offers his range of Universal SecurBacs in custom sizes.

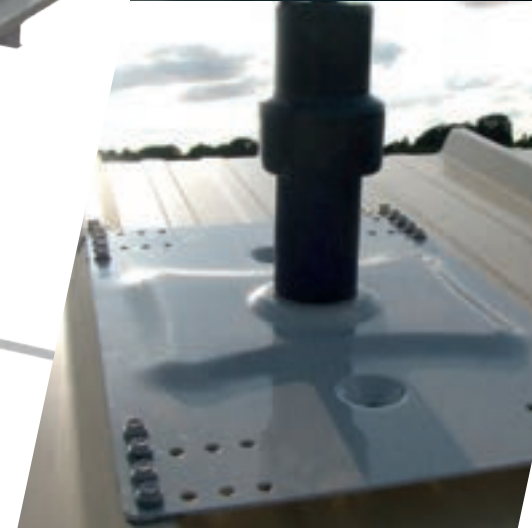
SecurLine tests the compatibility of these interfaces with the different supports through static and dynamic tests.

Quick, easy and reliable installation. Positioning of interfaces on a case-by-case basis allows you to fix the lifeline according to the desired "drawing".

- 1 - SB U
- 2 - SecurBac U
- 3 - SBU 2U4B



(*) For anchor point only.

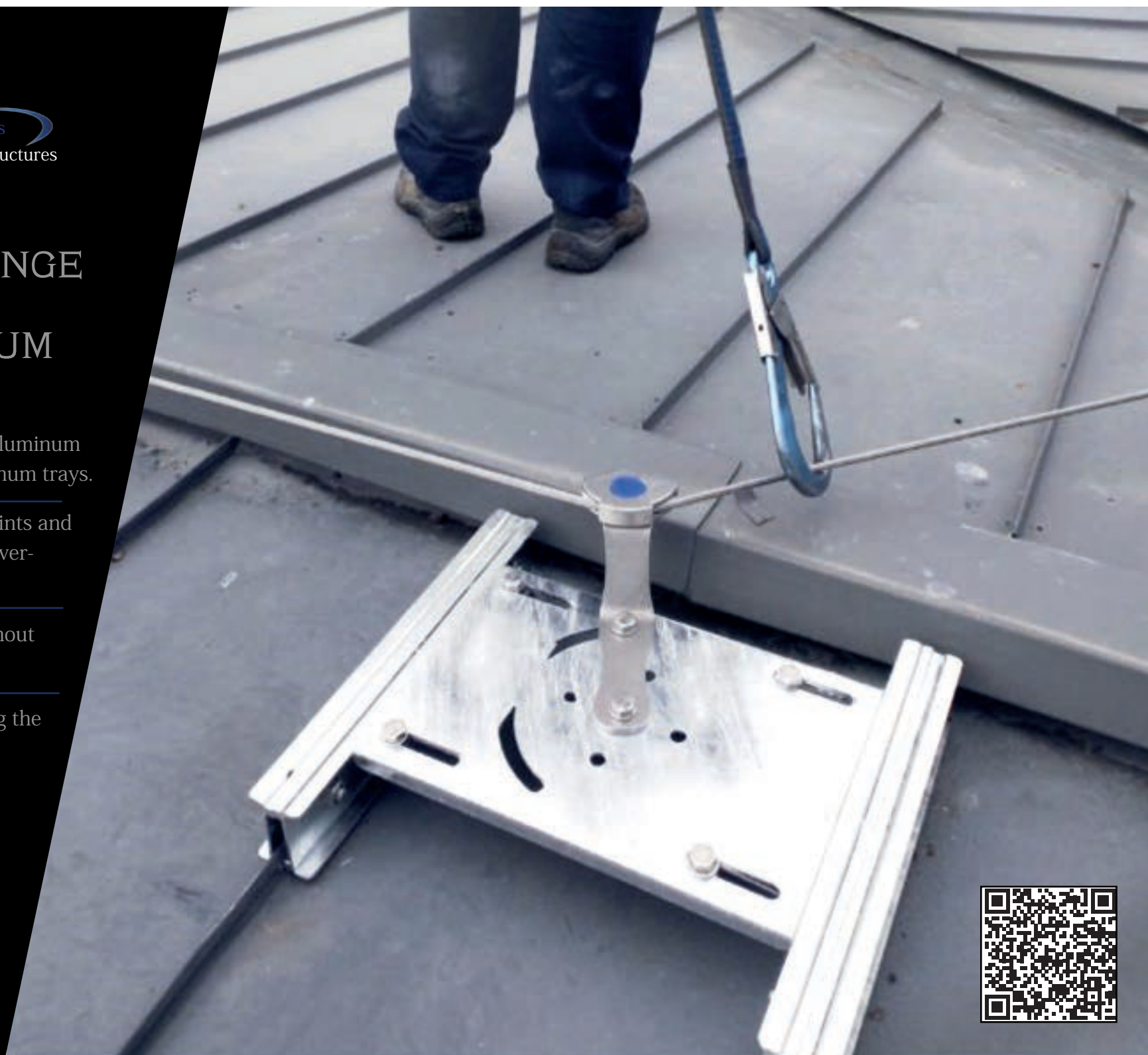


09

Interfaces pour structures légères
Interfaces for lightweight/thin structures

SECURBAC RANGE for ZINC and ALUMINIUM

- For zinc standing seam roofs, aluminum standing seam roofs and aluminum trays.
- Suitable for use with anchor points and lifelines (standard, automatic, overhead and rail).
- Quick and easy installation without intervention under the cover.
- Allows great ease of positioning the lifeline on a case-by-case basis.



THE SECURLINE SOLUTIONS FOR ZINC AND ALUMINIUM PLATES

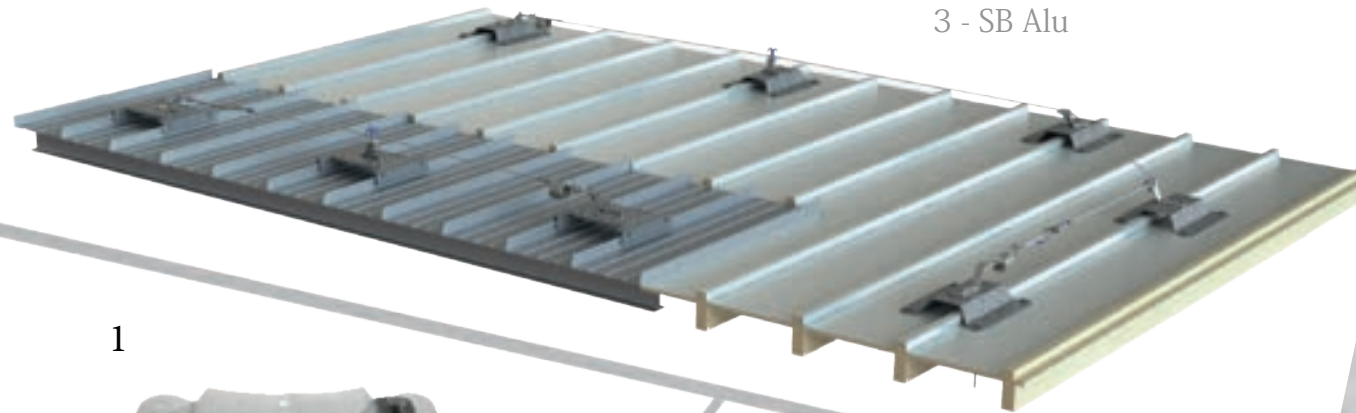
SecurBac Z : galvanized steel and stainless-steel. Attaches to the cover with 4 toggle screws; sealing is achieved through EPDM gaskets.

SecurBac P : galvanized steel and stainless-steel. Attaches by pinching directly to the standing joints.

SecurBac Alu : For aluminium covers. May also be suitable for corrugated iron roofing. Attaches with rivets.

SecurLine tests the compatibility of these interfaces with the different supports through static and dynamic tests.

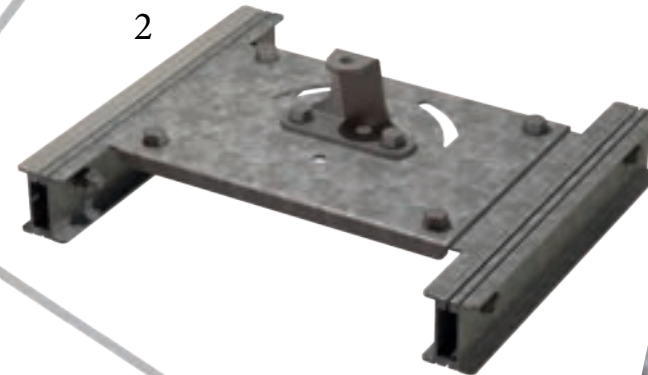
- 1 - SB Z
- 2 - SB P
- 3 - SB Alu



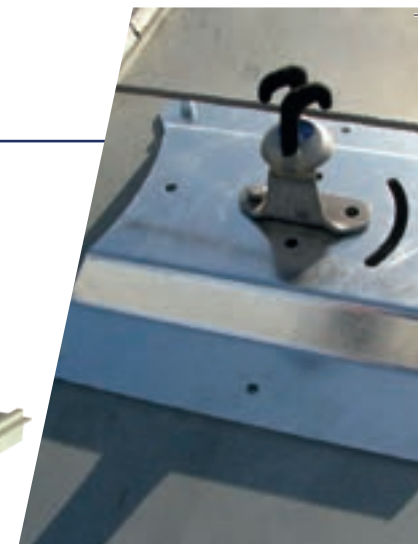
1



2



3



FIBROCEMENT ROOF INTERFACES

- For specific fibrocement supports.
- Suitable for use with anchor points and lifelines (standard, automatic, overhead and rail).
- Simple and quick to install : secures these fragile covers.
- Allows direct anchoring of fall arrest devices to the metal frame without constraining it.



THE SECURLINE SOLUTIONS FOR FIBROCEMENT ROOF

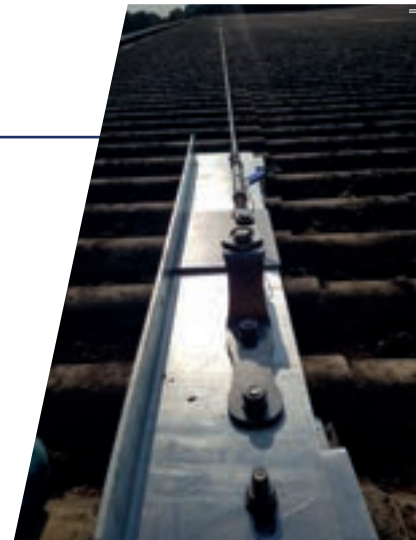
Galvanized steel and EPDM gaskets. Attaches with self-drilling screws (Drillnox bi-metal type).

Suitable for metal framework.

An adapter must be fitted at the ends in order to distribute the forces generated to them.

The lifeline can then be laid parallel and perpendicular to the waves.

SecurLine tests the compatibility of these interfaces with the different supports through static and dynamic tests.



GROUND SOLUTIONS

- Specifically designed to secure embankments and sloping grounds.
- Suitable for use with anchor points and lifelines (standard, automatic, overhead and rail).
- Allows great ease of positioning the lifeline on a case-by-case basis.
- Allows the fall arrest devices to be directly anchored in the ground, without having to create a concrete basement.



THE SECURLINE GROUND SOLUTIONS

This interface, combined with our Securline lifeline particularly enables :

- Securing the edge of water retention ponds.
- Securing the edges.
- Securing the edge of canals and rivers.
- Securing parks and gardens that have areas with steep slopes.

As it is difficult to evaluate the nature of the soil, the best method for evaluating the resistance of the SecurT interface on its support is to conduct a real stress test to which the anchorage or the lifeline will solicit the interface.

This test can be carried out using a dynamometer or a breaking plate. SecurLine has developed 3 plaques to test the interfaces at 600daN, 1200daN and 2000daN.



BRACKET *SL* 2000

MAST *SL* 1400

- The SL 2000 bracket is designed for securing tanks and cavities : perfect for confined environments.
- Can be combined with an automatic fall arrestor and a fall arrest system with recuperation, or a winch system.
- The SL 1400 mast is an anchoring solution improving the fall factor (from factor 2 to factor 1) that can be placed on wall or floor support.
- The SL 1400 mast is delivered with the S-One anchoring point.



The SL 2000 bracket helps to reduce the fall factor to 0.

This stem, whose offset and height are adjustable can be locked / unlocked very quickly via its ball pin. Folding boom for easy transport.

These fastening systems makes it possible to secure working areas that do not have a structure to enable supporting an anchor point :

- Interventions for the maintenance of tanks and confined environments (SL2000 combined with a fall-back fall-arrest system).
- Interventions on electric transformers (SL1400).
- Securing machines (SL1400 combined with a mobile life-line strap).
- Securing workstations in industry.

Our range of frames and gantries can be adapted to your needs in terms of dimensions.

THE SECURLINE BRACKET SL 2000 AND MAST SL 1400

- 1 - S-One anchor device on mast SL 1400
- 2 - Ball pin
- 3 - Wall and floor mounting brackets



MOBILE GANTRIES and BRACKETS

- Ideal for occasional work needs at heights up to 4m.
- Ideal when no structure is available and when several areas need to be secured successively.
- Perfect positioning thanks to their wheels (multiple kinds of wheels available): usable both indoors and outdoors.
- SL 5000 and SL 7000 can be used with the S-One anchor point and the Securline rail. SL 6000 can be used with the S-One.



THE SECURLINE MOBILE GANTRIES AND BRACKETS

When using these frame and gantry systems, the anchor point is located above the operator.

Combined with a self-retracting fall arrester, this system makes it possible to secure situations where there is a low air draft.

Makes it possible to secure working areas that do not have a structure to enable supporting an anchor point :

- Interventions for maintenance on the vehicles (especially on the exterior).
- One-off operations on machines.
- Securing workstations in industry.
- Securing when loading and unloading vehicles.

The SL6000 can be adapted in a way that enables moving it with a fork lift truck (fork lift system).

1 - SL 6000 offset

2 - Example from a wheel available

3 - Water ballast on SL 6000



SELF-SUPPORTING GANTRIES

- Ideal for maintenance operations, inspection and maintenance and for safe access to intervention areas.
- Ideal for loose or non-drivable floors and do not require the creation of solid concrete.
- Enables successively securing several areas and securing long lengths.
- Suitable for use with anchor points and lifelines (standard, automatic, over-head and rail).



THE SECURLINE SELF-SUPPORTING GANTRIES

Easy to install the freestanding SecurLine brackets are equipped with level stabilizers and 1.5 ton weights.

It is transportable via a forklift or telescopic fork.

Easy to install the SecurLine lifeline allows spacing of 12 m in this configuration of self-supporting supports and has a pre-tension indicator for the installation of the cable.

- Maximum spacing : 12 m for this configuration on weighted gantries.
- Minimum length : 3m. (no maximum length).
- Connection to the lifeline with a EN362 carabiner or with hooks SL50, SL50-OH or SL51.

- 1- Self-supporting 180° rotary jib crane
- 2 - Stabilizer for jib crane
- 3 - Concrete stabilizers for rotary jib cranes



FIXED GANTRIES and BRACKETS

- Ideal in the fields of petrochemicals and food processing, unloading areas and all industries subject to the risk of falls.
- Perfectly suited for positioning above vehicles and machines.
- Allow continuous movement from the ground to the intervention area without detachment of the intermediate supports.
- Suitable for use with anchor points and lifelines (standard, automatic, over-head and rail).



THE SECURLINE FIXED GANTRIES AND BRACKETS

The SecurLine fixed gantries and brackets are perfectly suited for areas identified as having strong or weak passages for any type of intervention.

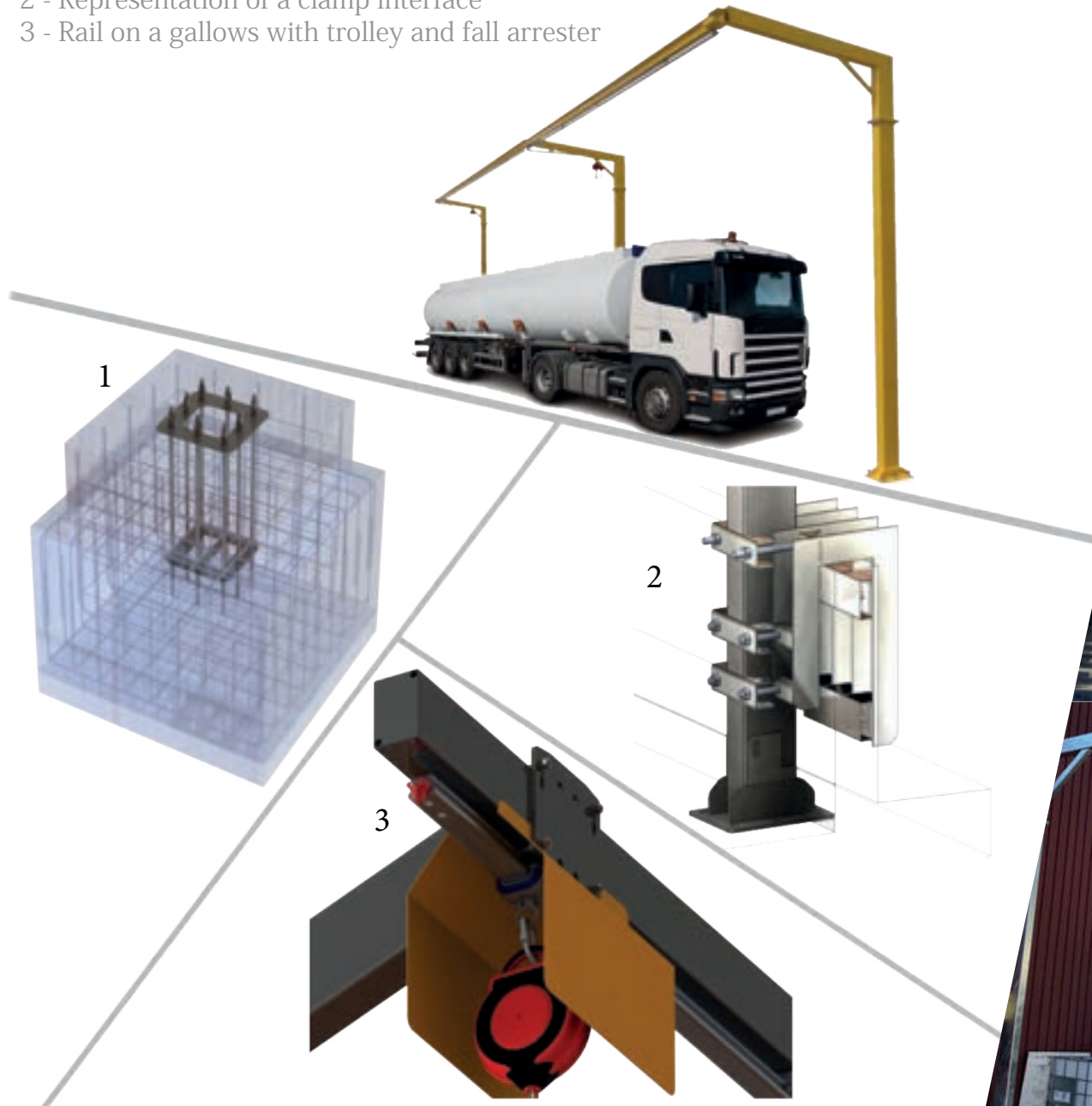
Adapted on a case-by-case basis; thus all configurations are possible.

The SecurLine fixed gantries and brackets can be installed indoors or outdoors as well as in height.

Our team innovates and researches a permanent solution that can best cater to :

- installation constraints,
- type of receiving structure.
- type of installation.
- height of fall available.

- 1 - Representation of a concrete block for anchoring a gallow
- 2 - Representation of a clamp interface
- 3 - Rail on a gallow with trolley and fall arrester



INDUSTRIAL and CUSTOM GUARDRAILS

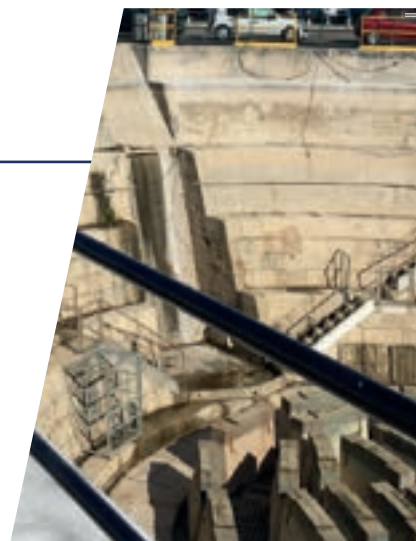
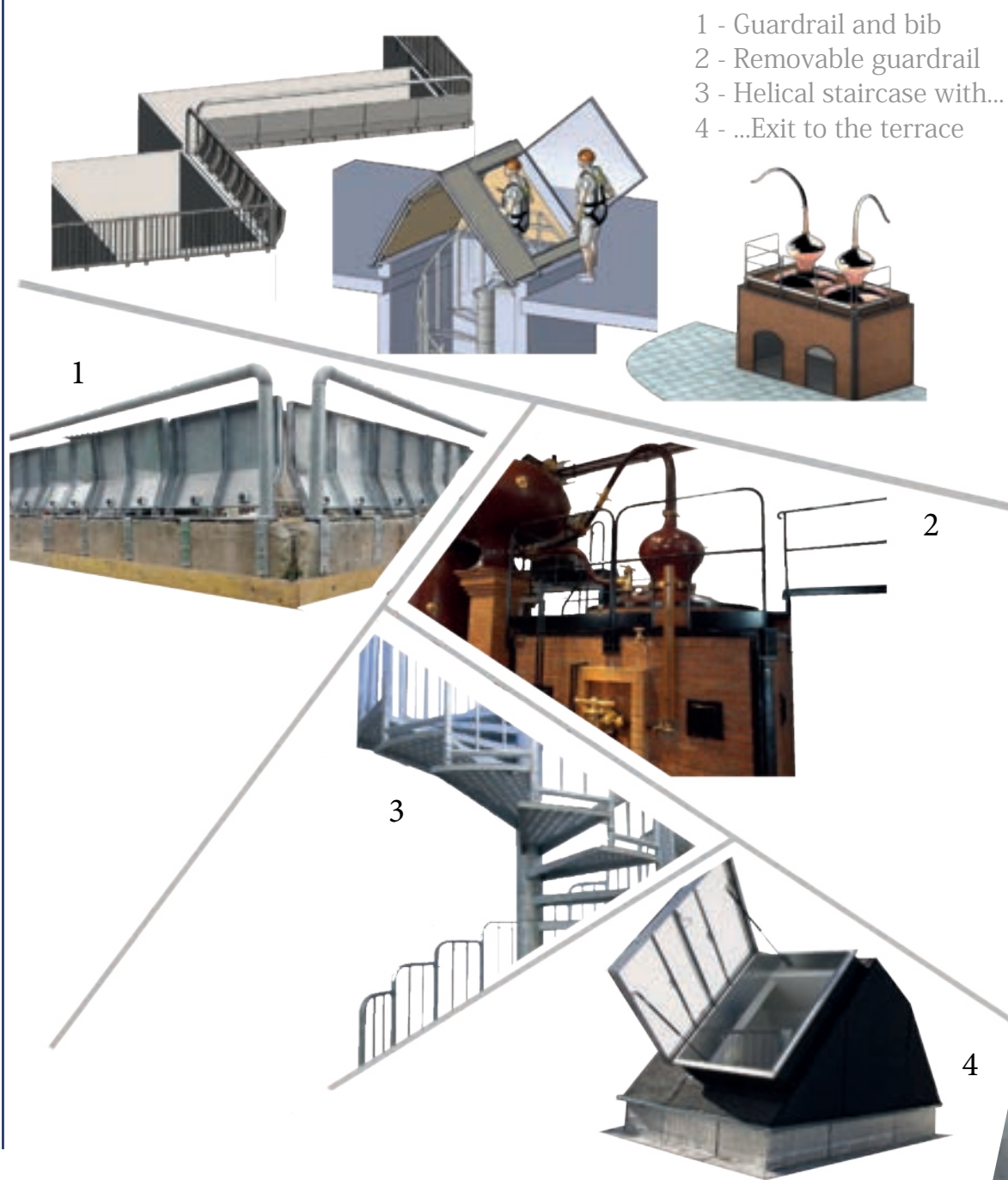
- Aluminum or galvanized steel guardrails designed for both roofs and industries.
- Fixed or weighted, folding, straight or inclined guardrails.
- Ease and speed of assembly.
- Guardrails designed on a case-by-case basis to meet all options (location, lengths, standards etc.).



THE SECURLINE INDUSTRIAL AND CUSTOM-MADE GUARDRAILS

Adapted and personalized to each structure for any kind of configuration : communities, industries, agricultural buildings, cellars, warehouses, waste reception centers, etc.

The SecurLine guardrails are therefore designed to be used on existing structures or not depending on the situation.



CUSTOM-MADE BRIDGES and DECKS

- Ideal when a building needs to be secured : access to machines or overhead cranes, in particular to secure upkeep and maintenance.
- Available in galvanized steel, stainless steel or aluminum and to all types of roofs. Also available in suspended version.
- Possibility of combining with stairs, railings, ladders, hatches and steps.
- Decks and pathways conceivable perpendicular or in the direction of the slope.



THE SECURLINE CUSTOM-MADE BRIDGES, WALKWAYS AND DECKS

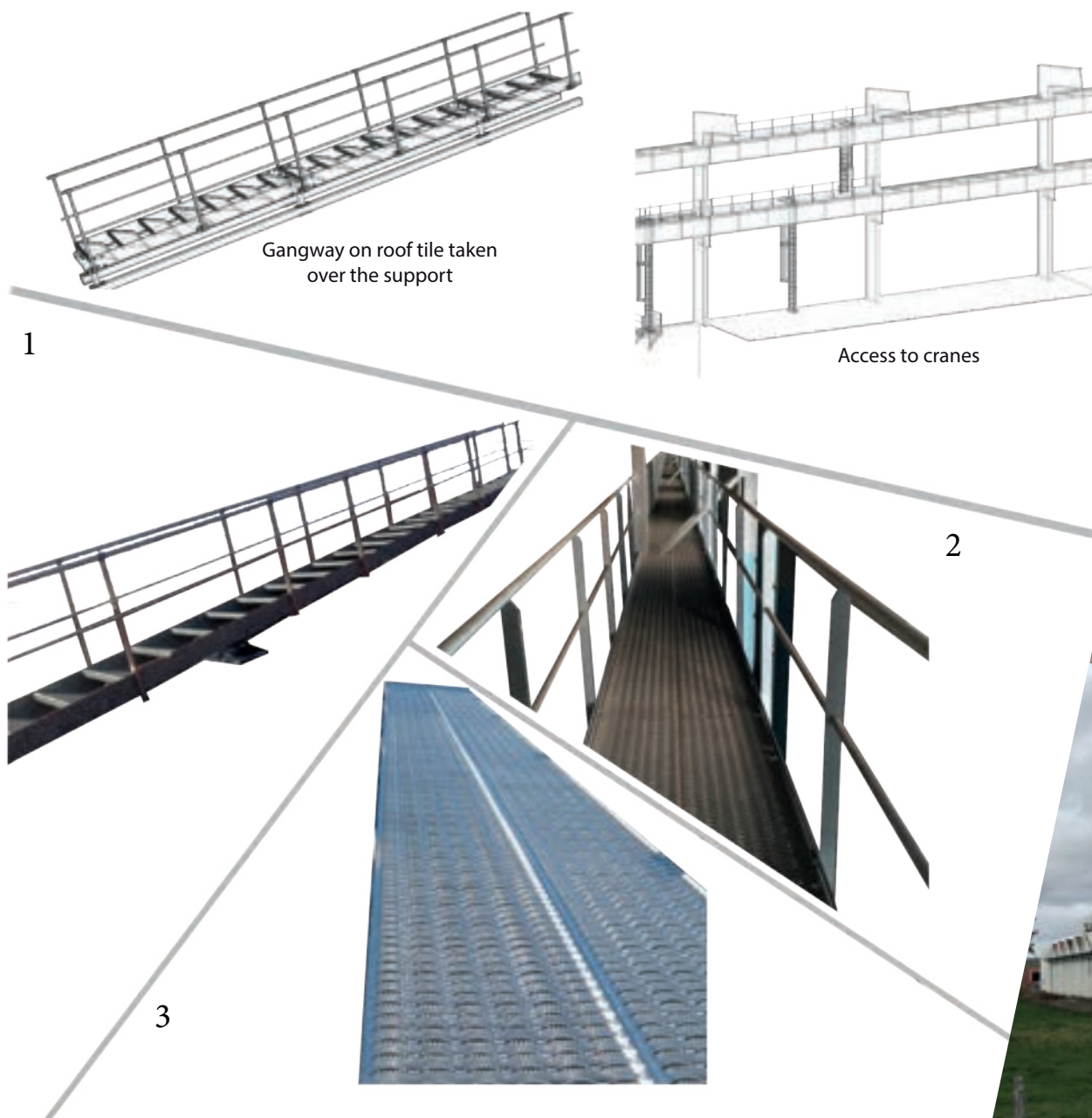
Allows access, without limitation, to maintenance rounds, sectors and areas to be controlled; in particular for the periodic checks of the channels, roofs, gutters etc.

Walkways and decks thus make professionals autonomous, or not, in the compulsory control of their industries.

Roofing work may require using of stairs or non-slip decks. These paths are sometimes combined with lifelines or secured with guardrails.

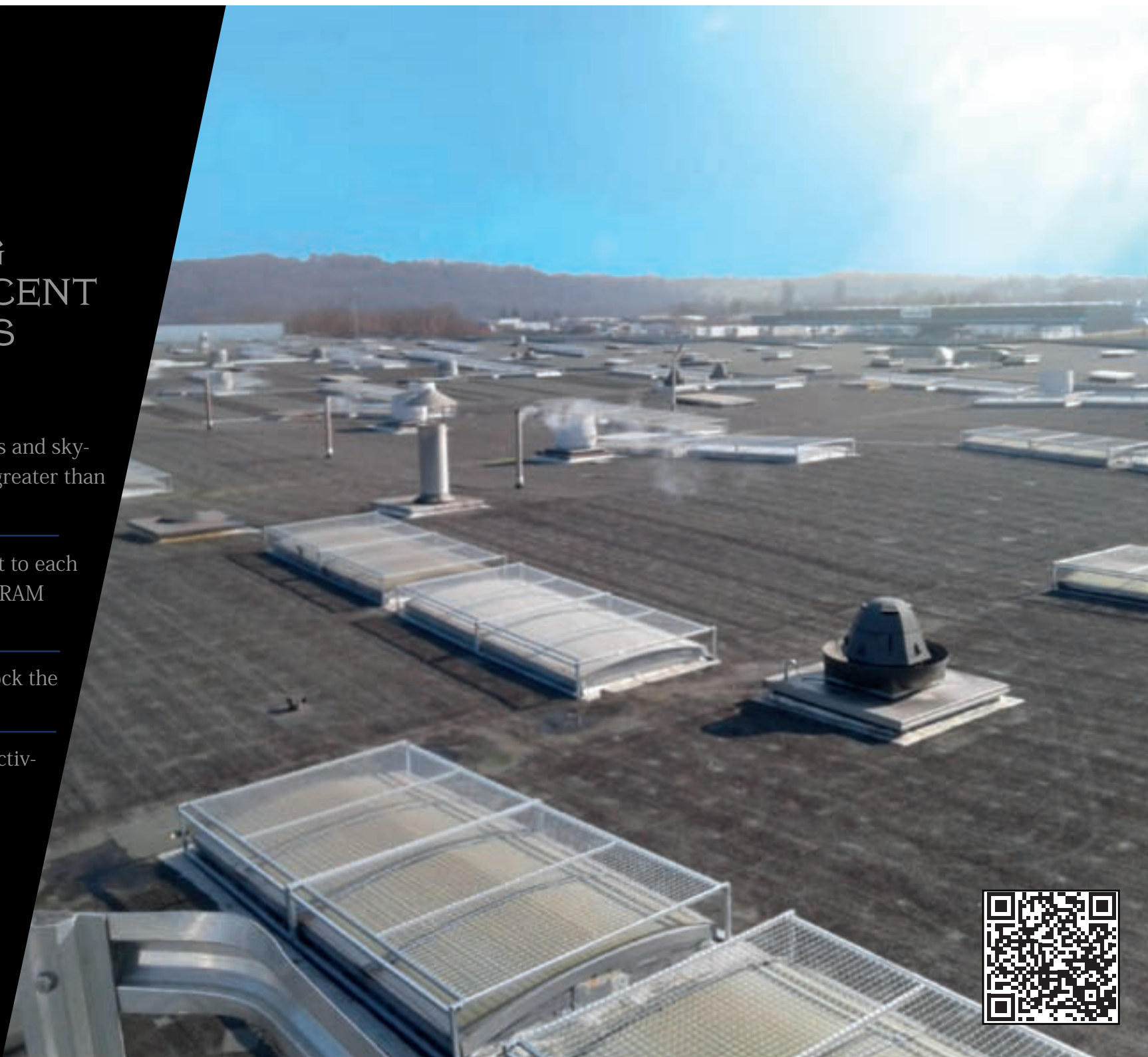
Custom-made solutions for all kind of supports and structures.

- 1 - Gangway on roof tile taken over the support
- 2 - Access to cranes
- 3 - Gangway on fibrocement roof



SECURING THE TRANSLUCENT MATERIALS

- Security systems of translucents and sky-lights guaranteeing resistance greater than 1200 Joules.
- Custom-made solutions to adapt to each situation : tested according to CRAM MR72 recommendations.
- These safety systems do not block the light.
- No interference with building activity.



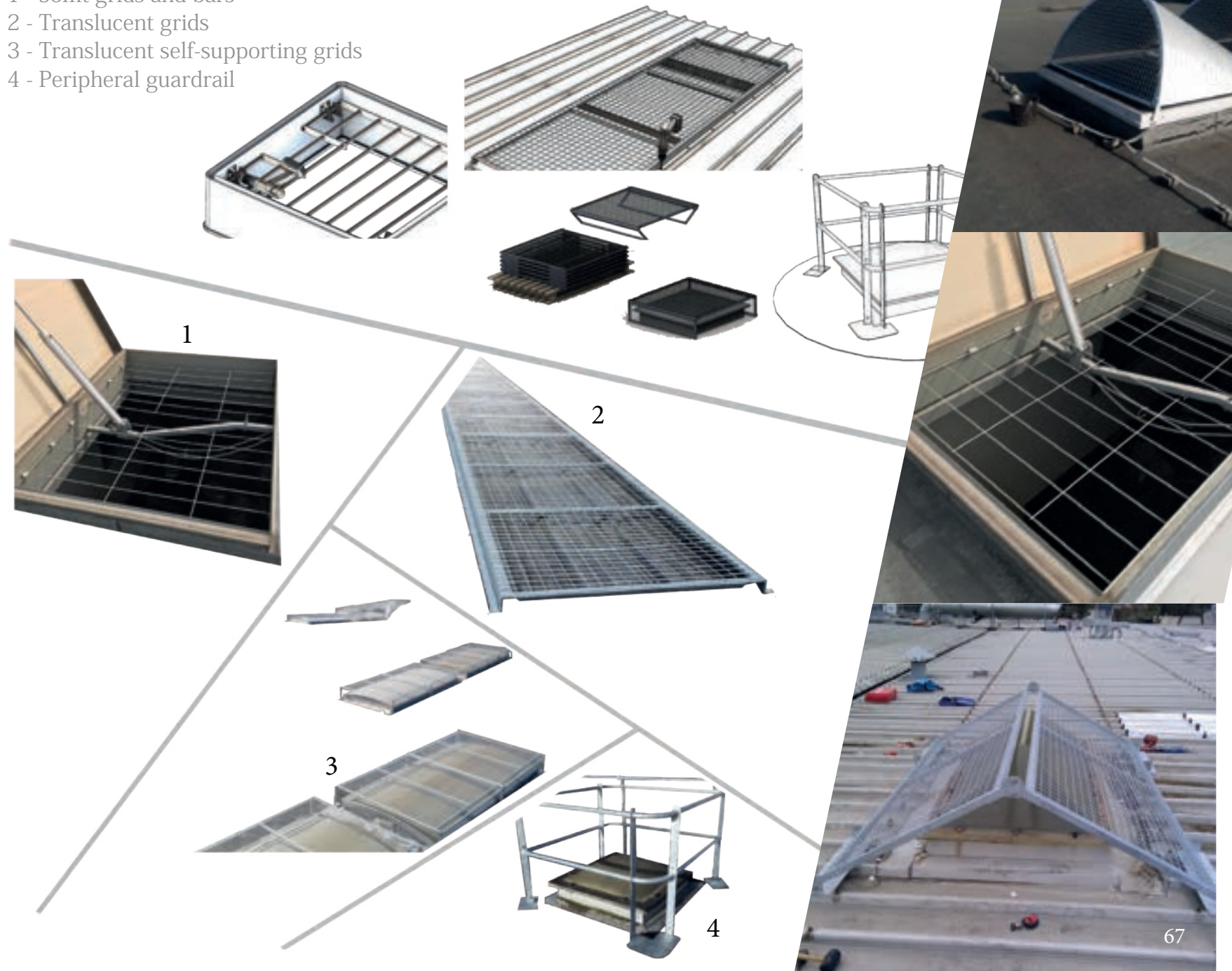
THE SECURLINE SOLUTIONS FOR SECURING THE TRANSLUCENT MATERIALS

- 1 - Soffit grids and bars
- 2 - Translucent grids
- 3 - Translucent self-supporting grids
- 4 - Peripheral guardrail

SecurLine thus protects, without limitation, translucent, skylights, light shafts, smoke vents etc.

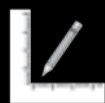
The protections are therefore 100% tailor-made; that is why they are adapted to each situation in terms of configurations and dimensions.

It is for these reasons that SecurLine is the expert to secure the transluents from above; to secure the light shafts from above thanks to its freestanding solutions as well as from the inside in a fixed or openable manner.



PROTECTION in THE TANKS and THE PITS

- Ideal in sectors of activity with a high presence of tanks and pits : food, wine, chemicals, petrochemicals, water treatment, etc.
- Allows safe access for routine maintenance and cleaning operations.
- Securize the access from above, the descent and allows to set up evacuation procedures.
- Adaptation to each configuration thanks to the different evacuation modes.



PROTECTION IN THE TANKS AND THE PITS

SecurLine can propose a solution for each of the specific configurations, which will take into account :

- Access to points of interest of the tank.
- Circulation around the equipment for control/ cleaning.
- The user's holding structure and the movements it must authorise.
- The fixing of the structure to the tank according to the type of tank and the possibilities it offers (strapping, mounting bracket, rebounding to the adjacent component etc).
- The fixing to the structure of the building if necessary,
- The mechanism for securing and lifting the operator.

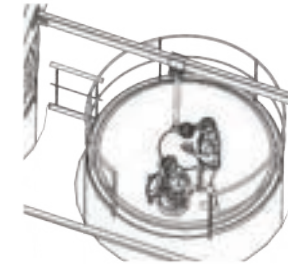
Bracket with welded interface



Bracket fixed with strapping



Reverse bracket

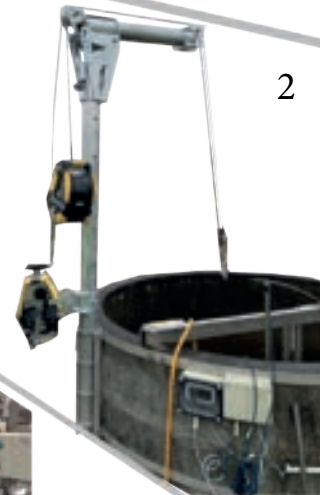


- 1 - Bracket with welded interface
2 - Bracket fixed with strapping
3 - Reverse bracket

1



2



3



SIMPLE and CAGED LADDERS

- Adaptable for all types of building requiring height access.
- Available in galvanized steel, aluminum or stainless steel.
- Wide range of releases, accessories and fastening methods for : simple ladders, crinoline ladders, gates, access locking systems, change of flights, parapet passages etc.
- Offers an optimal level of safety for all users whatever the dimensions.



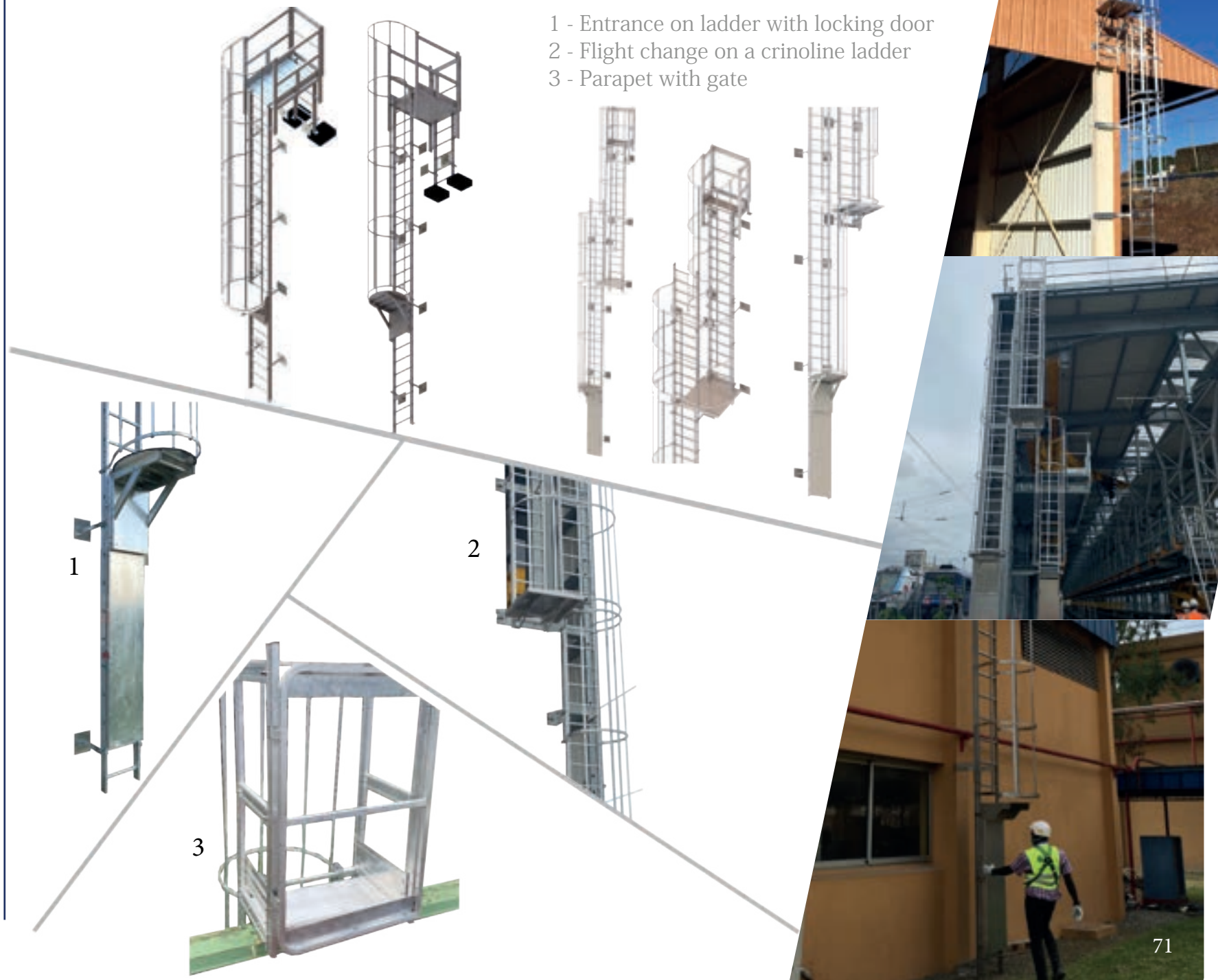
THE SECURLINE SIMPLE AND WITH SAFETY HOOPS LADDERS

Ladders by SecurLine are designed to adapt to each configuration, for all buildings, indoors and outdoors.

Other accessories available :

- Fixing plates on metal cladding
- Screws for metal cladding or concrete support
- Fixing extensions
- Padlock

- 1 - Entrance on ladder with locking door
- 2 - Flight change on a crinoline ladder
- 3 - Parapet with gate



ROOF CROSSING WALKWAYS

- Adaptable for all types of building, indoors and outdoors.
- Available in galvanized steel, aluminum or stainless steel.
- Make it possible to cross obstacles simply and safely, to gain high access to a landing, a work area or machine.
- Roof crossing walkways can be fixed permanently or temporarily thanks to the adjustable weights.



THE SECURLINE ROOF CROSSING WALKWAYS

The SecurLine roof crossing walkways are designed to meet all access and obstacle clearance needs, inside buildings as well as outside.

The SecurLine roof crossing walkways can thus allow access, without limitation, to strategic points of buildings.

They can be fixed on metal cladding or concrete support or even be semi-mobile (installed using weights).

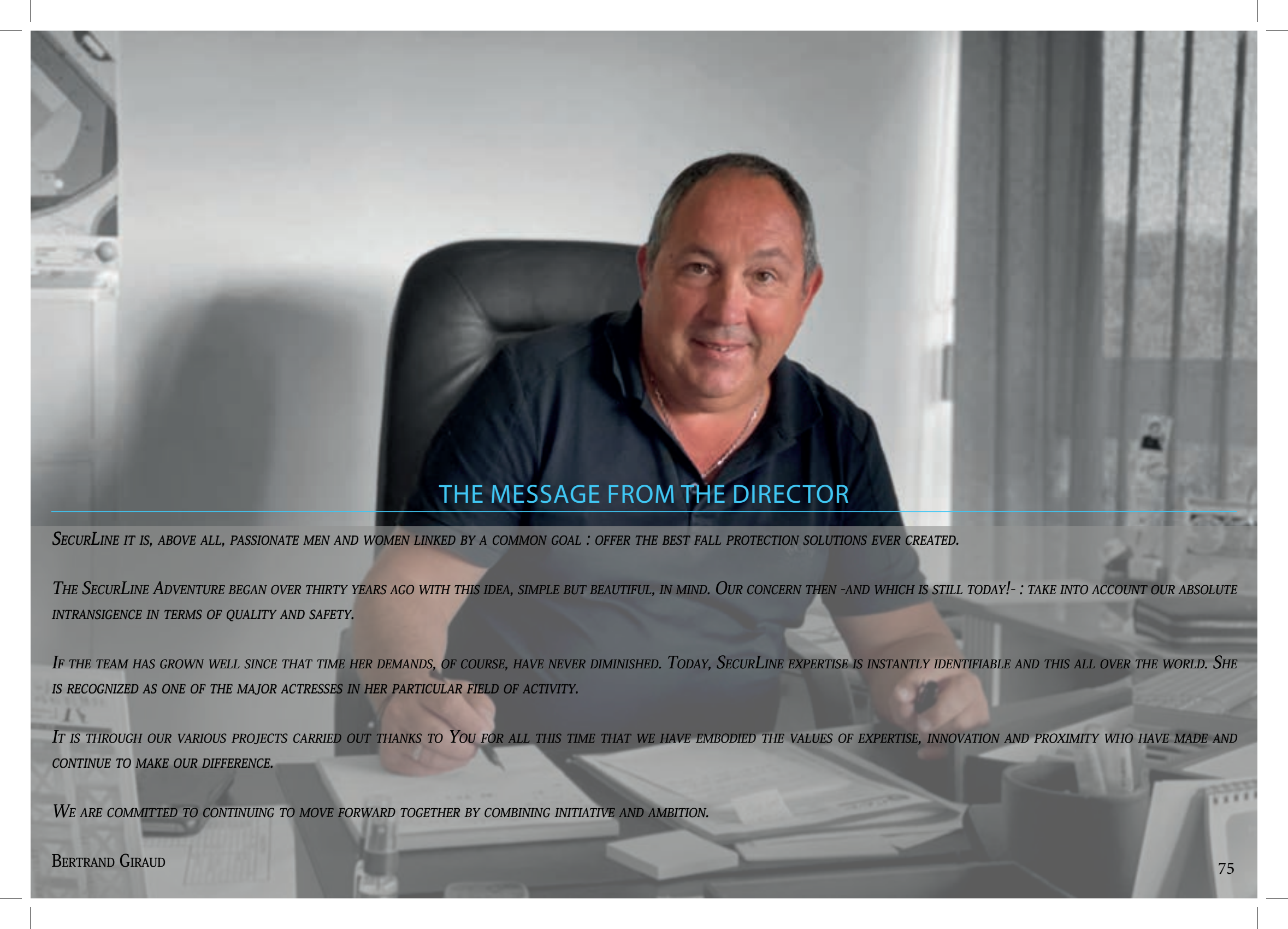
They are designed to adapt to each situation in terms of configurations and dimensions.

- 1 - Roof crossing walkway with weights
- 2 - Full roof-crossing walkway with anchor points
- 3 - Half crossing walkway with weights





YOUR EXPERTS



THE MESSAGE FROM THE DIRECTOR

SECURLINE IT IS, ABOVE ALL, PASSIONATE MEN AND WOMEN LINKED BY A COMMON GOAL : OFFER THE BEST FALL PROTECTION SOLUTIONS EVER CREATED.

THE SECURLINE ADVENTURE BEGAN OVER THIRTY YEARS AGO WITH THIS IDEA, SIMPLE BUT BEAUTIFUL, IN MIND. OUR CONCERN THEN -AND WHICH IS STILL TODAY!- : TAKE INTO ACCOUNT OUR ABSOLUTE INTRANSIGENCE IN TERMS OF QUALITY AND SAFETY.

IF THE TEAM HAS GROWN WELL SINCE THAT TIME HER DEMANDS, OF COURSE, HAVE NEVER DIMINISHED. TODAY, SECURLINE EXPERTISE IS INSTANTLY IDENTIFIABLE AND THIS ALL OVER THE WORLD. SHE IS RECOGNIZED AS ONE OF THE MAJOR ACTRESSES IN HER PARTICULAR FIELD OF ACTIVITY.

IT IS THROUGH OUR VARIOUS PROJECTS CARRIED OUT THANKS TO YOU FOR ALL THIS TIME THAT WE HAVE EMBODIED THE VALUES OF EXPERTISE, INNOVATION AND PROXIMITY WHO HAVE MADE AND CONTINUE TO MAKE OUR DIFFERENCE.

WE ARE COMMITTED TO CONTINUING TO MOVE FORWARD TOGETHER BY COMBINING INITIATIVE AND AMBITION.

BERTRAND GIRAUD



THE SECURLINE TEAM

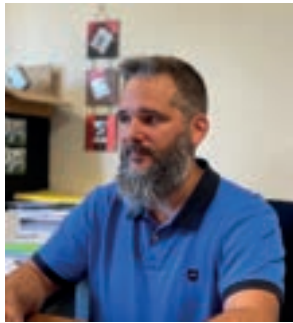


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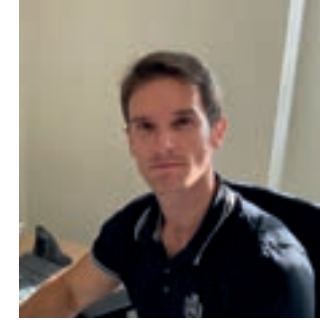


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YOUR PRIVILEGED CONTACTS



We provide you with a set of supports intended to support you with your projects on www.securline.fr.

You will thus be able to find there -in particular- the instructions and technical files from each SecurLine product as well as certificates of conformity.

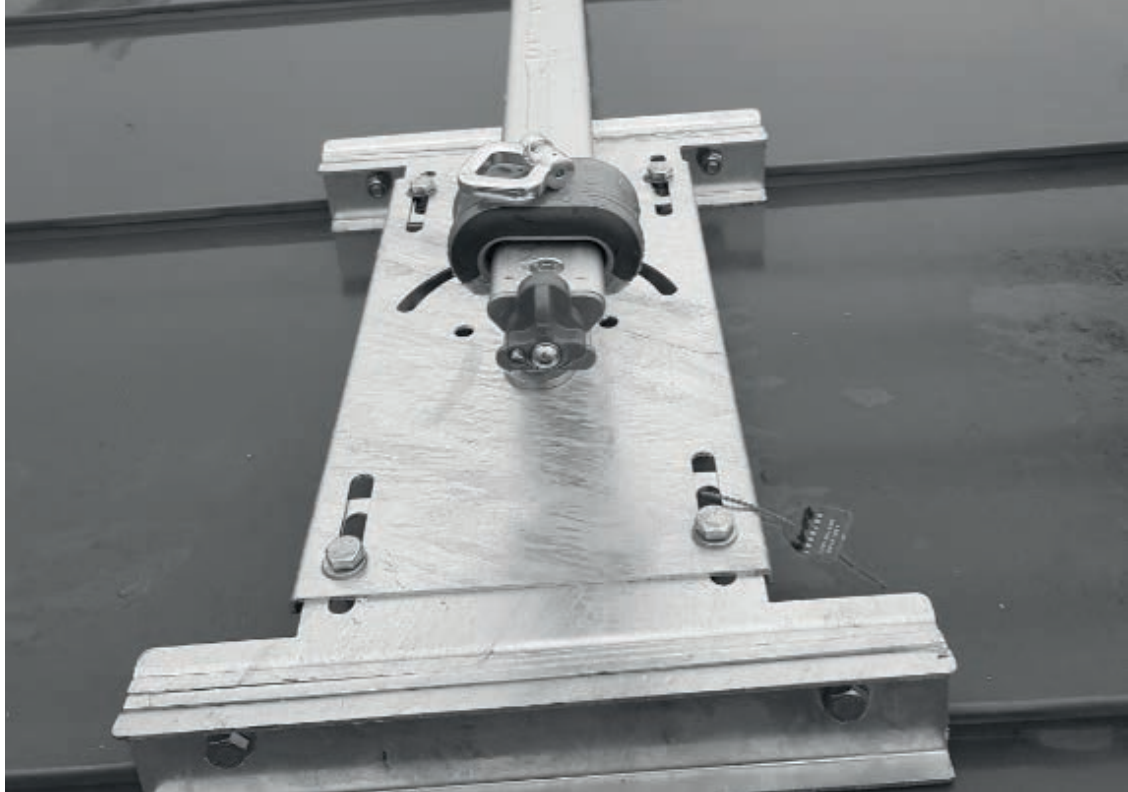
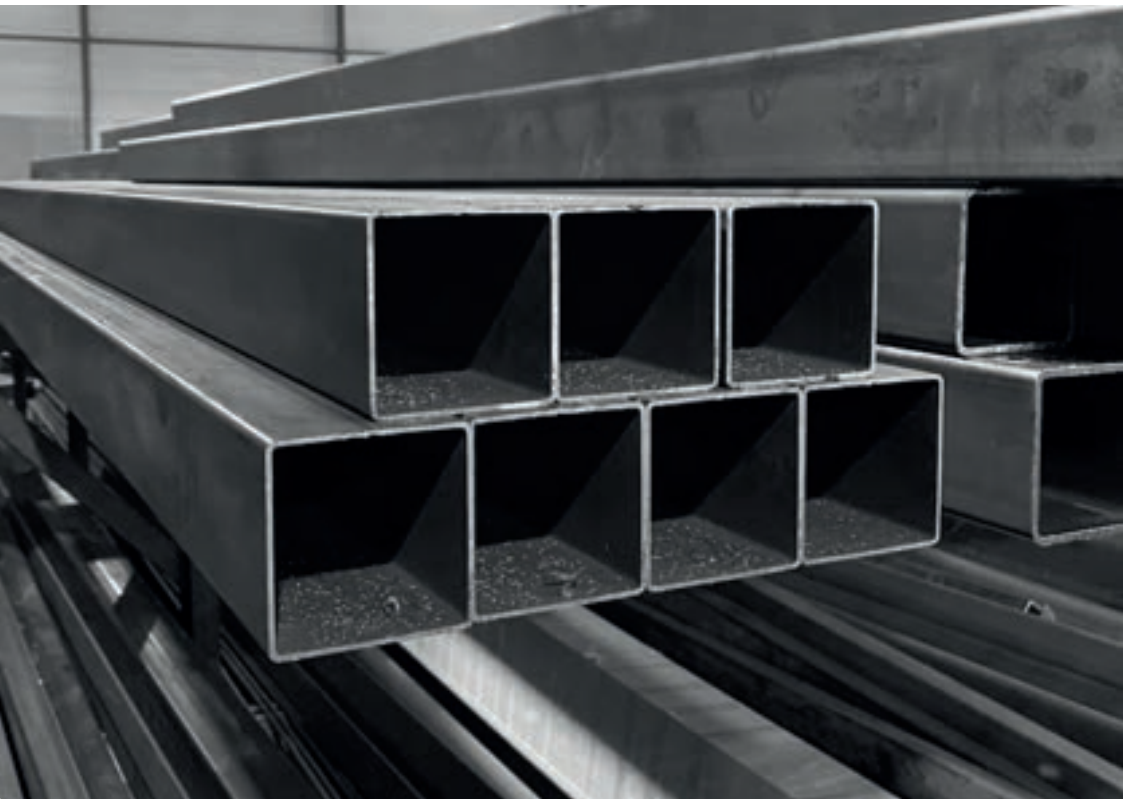
Don't forget : Securline this is also...



SECURLINE NEWS

- Whether for informational, advisory or simply to keep you in touch with the latest news there are always great reasons to follow SecurLine on the Internet.
- New technologies, news from the safety height industry, the latest achievements...
- But also the most beautiful pictures and comments from our customers...
- So don't hesitate to follow us, comment and to recommend us to as many people as possible!







DID YOU KNOW?

In accordance with the Standard EN 795:2012 type A, the standard recommends you to carry out an ANNUAL check of all protection systems against falls from heights and in particular ANCHOR POINTS.

As a manufacturer SecurLine also supports you to guarantee the safety of your employees by attesting to the solidity and good support of the devices already installed.

Function test.

Checking the bolts.

Tightening check.

Static tests of structural anchors according to the manufacturer's prescription, or, that at 600 daN for 15 seconds (on request).

Responsibility commitment.

Extension of the 1 year warranty on the installation.

Quotation for an upgrade of conformity following the status report.

Detailed report of the upgrade of conformity.

Intervention for compliance following the status report.

NOTES

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

NOTES



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www.securline.fr