SafeLadder®

- Intuitive use
- Integrated rigid fall arrest
- Rigid and stable ladder
- Standard brackets in various lengths
- Anodized aluminium
- Possibility of custom-made solutions with the Fallprotec’s engineering department

EN353-2:2014
The SafeLadder is a more elegant and secure alternative to traditional cage ladders. The end user, equipped with a harness, is directly connected to the fall arrest rail which is integrated in the ladder upright.

The VIA 4 trolley equipped with energy absorber follows the user effortlessly and locks instantly in case of a fall. Many accessories are available for a great versatility of configurations.

The platform allows to secure roof access in compliance with EN353-2.

SAL026

A discreet installation for walls with a maximum height of 5m.
SafeLadder®

- Intuitive use
- Integrated rigid fall arrest
- Rigid and stable ladder
- Standard brackets in various lengths
- Anodized aluminium
- Possibility of custom-made solutions with the Fallprotec’s engineering department

EN353-2:2014
Safe ladder for confined spaces

The fold up section is designed for wells or other confined spaces where the access is made from the top. The operator can safely open the hatch as the ladder unfolds and arises 10cm above floor level to facilitate the access.

Telescopic Safe ladder

It prevents unauthorized access and remains discreet when not in use.

Safe ladder with traversing trolley on Safe Access rail

Ideal for areas with sliding or fragile facades
Anchor Points

- Anchor points for every application
- 1 or 2 users depending of model
- Undefeasible
- Compatible with Fallprotec fixing brackets
- Stainless steel
- Possibility of custom-made solutions with the Fallprotec’s engineering department

EN795:2012 Type A
CEN/TS 16415:2013
SafeAnchor

SafeAnchor is a spring loaded and discreet anchoring point to be fitted in aesthetic facilities.

The SafeAnchor is embedded in concrete and the anchoring eye appears by a simple pressure on the device.

Can be installed on wall or ceiling configuration.

Neat system to secure openable windows.

LDV055

Rotating high visibility anchor point

Yellow anchor point for 2 users is in stainless steel and powder coated to increase visibility.

Fixed by one M12 bolt the anchor point is rotative to follow the end user. It can be installed on ground, wall or ceiling configuration.

With a breaking strength above 35kN, it can also be combined with temporary textile lifelines.

LDV029

Anchor point with energy absorbing device for one person.

Specially designed to reduce forces transmitted to fragile structures, this anchor point is ideal for metal roofs.

Can be installed on ground, wall or ceiling configuration.

LDV025
Anchor Points

- Anchor points for every application
- 1 or 2 users depending on model
- Undeformable
- Compatible with Fallprotec fixing brackets
- Stainless steel
- Possibility of custom-made solutions with the Fallprotec’s engineering department

EN795:2012 Type A
CEN/TS 16415:2013
Twinfox anchor point for 1 user

With a breaking strength above 25kN it can stop a fall without any permanent deformation. Reliable model for suspended rope access.

Can be installed on ground, wall or ceiling configuration.

LDV057

Twinfox anchor point for 2 users

With a breaking strength above 50kN it can stop a fall without any permanent deformation.

Reliable model for suspended rope access. The large opening of the anchor point facilitates the connection of big carabiners. Can be installed on ground, wall or ceiling configuration.

On concrete or slab, the anchor point can be fixed with two independent bolts. On a metallic structure, it can be fixed with one central bolt.

PTA016

SpotAnchor

SpotAnchor is installed on hot deck roofs to secure specific areas such as access zones, building corners or smaller roofs.

The high resistance toggle bolt ensures long-lasting fixing to the corrugated metal sheet and minimises eventual thermal bridges.

The roofing collar, in bitumen or PVC-P, is pre-fitted in the factory to guarantee the waterproofness.

The rotating anchor point permits to follow the progress of the end user.

LDV052
Harnesses and Lanyards

- Easy and quick to put on
- Two types: "X" anchoring points
- Made in EU

EN813:2009

Height Safety Systems
Personal Protective Equipment
**Prolight Harness**

The emblematic harness of Fallrotec is lightweight and equipped with pads for the highest level of comfort. The operator can work all day without feeling any pressure point.

**Tempo Harness**

A classic harness with webbing, ideal for punctual operations where fall prevention is needed.

**Elastic 2 points harness and double elastic lanyard with energy absorber**

A harness that adapts to the body movements, with automatic buckles. The double elastic lanyard with energy absorber enables the user to pass from one anchoring point to another while remaining connected at all times.

**Multifunctional full body harness and single elastic lanyard with energy absorber**

5 anchor points, suited for rope access and rescue. It is the typical companion of many industrial climbers and service technicians. The single elastic lanyard of 2m with energy absorber connects the user to any Fallrotec fall arrest system. The integrated energy absorber reduces the forces transmitted to the user, the lanyard adapts to the movements of the user, letting him/her evolve freely along the lifetime or in the vicinity of an anchor point.
These sturdy blocks are certified for ceiling, wall and ground configuration. The overspeed system stops a fall in a very short distance. The integrated energy absorption mechanism ensures that the maximal force transmitted to the end user is 6kN.

The ultra-compact block is a user-friendly device. In areas with limited fall clearance the retractable is installed in overhead configuration. When installed on the ground it also enables the user to reach areas further away from the Fallprotec lifeline.

Working seat, automatic braking descender and secondary fall arrest device

This assembly enables a safe and comfortable work at height for rope access specialists.

The harness and seat are ergonomic, maintaining the position of the user without soliciting the muscles. The harness follows the movements of the user, giving him/her more freedom. The fall arrest equipped with an energy absorber blocks automatically in case of a fall. The descender gives full freedom of movement in the vertical axis.

HAR014, HAR023 / HAR095

Ultra-compact blocks

Complete range of retractable fall arresters from 2 to 60 meters. Available with webbing strap or galvanised steel cable. The spring mechanism keeps a constant tension on the lanyard, thus facilitating the movement of the end user.

IHWB2 / IHWS9

Fall Arrest

Fall restraint system prevents a person from reaching the fall risk and a fall arrest system minimises injury in the event of a fall.

Fall Restraint
The Brief

A wide range of bespoke solutions and fixing assemblies are set up on KAPSARC Research Center.

As specialist, we offer the complete solution, from site auditing and risk analysis to installation, commissioning and training.
The Results

- 12 complex rail tracks for courtyards access up to 63º.
- 600m of Climbing SafeAccess.
- 100m of platforms and walkways.
- Over 1500 posts fixed on standing seam roof.
- 300m of stairs.

Stress measured on posts
SafeAccess®

- Discrete system which underlines the shape of the building
- Comprising rope access technicians, ropeClimber and suspended platforms
- Powder coated
- Possibility of customer-made solutions with the Fakro's engineering department
The SafeAccess for suspension work is an efficient height access system for façade maintenance and cleaning.

Highly versatile, it can be installed in building entrances, atriums, courtyards and on the building main facades. Suspended access on structures of 5 to 300m height.

The track can be curved and powder coated in any RAL colour.

The trolleys roll on the flange of the rail. Manually, motorized or battery operated trolleys are used for horizontal movements.

System for the cleaning and maintenance of facades.

NAV 1 Trolley manually operated by drive belt.

Motorised trolley for the suspension of cradles and RopeClimber lifting machine. The trolley is controlled from the suspended equipment.

MHS056

Compatible with the RopeClimber.

MHS054
The Brief

Two Building Maintenance Units were the fastest and easiest way to clean all the external facades. To maintain internal courtyards, 20 sections of SafeAccess monorail have been installed for the suspension of the RopeClimber.

The hoist does not require a big storage area and is powered by battery. It is easy to transport between the courtyards and it can access remote facade areas. Engineering calculations for both systems have been thoroughly evaluated and approved by SIRVE Institute - Seismic Protection Technologies. The BMUs have been designed and produced by FBA Gomyl.
The Results

- 780m of SafeAccess rail for the maintenance of the courtyards.
- 2 RopeClimber suspended from SafeAccess rail.
- 2 Building Maintenance Units.
- 650m of rail attached to the inner parapet for the BMUs.
SafeAccess
Type c

- Compatible with rope access technician, RopeClimber and suspended platforms
- Aluminium mill finish or powder coated on demand
- Possibility of custom-made solutions with the Fallproofer’s engineering department
The SafeAccess C is a discreet access system that is concealed in a technical ceiling or a soffit. The rail integrates harmoniously the aesthetics of the building. The track can be curved and powder coated in any RAL colour. Custom-made brackets enable to align the rail and the ceiling. The trolleys roll in the inner channel of the rail.

Manually, motorized or battery operated trolleys are used for horizontal movements. Compatible with rope access technicians, the RopeClimber and suspended platforms.

Pilot 1 Trolley manually operated by drive belt

Motorised trolley for the suspension of cradles and RopeClimber lifting machine.
SafeAccess®

climbing

- Active drive system
- Slopes up to 70°
- Span of 3m between supports
- Compatible with rope access technique, RopeClimber and cradles
- Bespoke solutions by Fallprotection engineering department
The Climbing SafeAccess is installed on sloped facades or atriums for the maintenance and cleaning of the building. A high resistance stainless steel chain is inserted through the bottom channel of the rail.

The climbing trolley with pinion can climb slopes up to 70°. A chain based design is the most reliable system for installations with an important slope.

**Climbing SafeAccess and trolleys**

1. MHS065  
2. MHS047  
3. MHS040

**Trolley NAV 6**

The trolley equipped with 2 independent electric engines for the highest level of safety.
RopeClimber
Lifting Equipment

- Working Load up to 240kg and lifting speed up to 11,50m/min
- Autoropy up to 8 hours depending on model
- Usable by anyone with fall-protection training

EN 1880:2015 / EN 60224-1
Directive 2006/42/EC
RopeClimber BackPack
(picture on the left)
ROP021

- Safety features: fall arrest device on the secondary rope, overload and top limit switch
- Push buttons control box with emergency stop
- Intuitive use, training as professional climber is not required
- LED that informs about the state of charge of the battery as well as safety features
- Equipped with wheels for easy transport.
- Versatile equipment
- Cost-efficient solution
- Battery powered
- Lightweight and compact
- Optimized time of installation
- Ergonomic and comfortable for people working at height
- All accessories are according to EN1808:2015
The Brief

The International Convention Centre in Tianjin is a unique building shaped by slopes and curves. Its facade is going inward at every floor. Located in the heart of the Tianjin Financial Centre, it is home to a five-stars hotel, a convention centre and several major financial corporations.

Fallprotec designed and supplied a lightweight battery powered height access system. A climbing SafeAccess C rail is integrated in the building’s canopy and merges into the architecture of the building. High friction trolleys powered by battery roll along the track. The RopeClimber cradle can reach any point of the concave facade thanks to restraint systems.
The Results

- 600m of SafeAccess C rail.
- Battery powered climbing trolley.
- RopeClimber cradle carrying up to 2 people.
- Slipped sections up to 15°.
- Inward facade fitted with restraint systems for work positioning.