

PROIEK

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PROTECT YOUR LIFE | USE IMAGINATION

Devices and systems manufactured by PROTEKT provide work safety under conditions where risk of a fall from height is present.

This equipment is used in many industries for works at heights, depths and in providing rescue services. Our offer includes both components of personal fall protection equipment – full body harnesses, energy absorbers, lanyards, and permanent anchorage systems with which this catalogue is concerned. At PROTEKT we pay special attention to comfort of use and reliability in functioning of our devices, making efforts to meet our customers' still growing needs as best as possible.

All PROTEKT products hold European certificates of conformity and applicable approvals.

Our officers and consultants will be pleased to provide you with current detailed functional information and technical data.



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Classification of anchorage systems

Horizontal mobility

System Prim System Duo System Monoline System Proliner
System Traser System Maran
System Prosafe

Vertical mobility

T.

Line systems	SKC BLOCK
(p. 38-45)	AC 360
Rail systems	AC 520
(p. 50-59)	AC 530
Safety ladders (p. 46-49)	AC 510







Installing and servicing safety devices.

Customer who wishes to install an anchorage system on his site should first contact a PRO-TEKT technical and commercial consultant to arrange a conceptual meeting including an on-site inspection. Then our consultant will draw technical concept for a protection device and send the Customer a trade offer. Following acceptance of conditions given the Customer should submit a written order for delivery of materials and installation. Once this order is received, the PROTEKT consultant contacts works coordinator on behalf of the Customer to settle the works schedule. The installed systems should be subjected to inspections carried out no less than once a 12 months by PROTEKT or an authorized service point. For inspection and servicing, please contact PROTEKT Servicing Department.

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PRIM

- System is based on stainless steel cable of 8 mm in diameter,
- Prim can be installed on roofs by means of poles, and walls so that persons near the edges are provided with fall protection in horizontal,
- System can be configured for 7 users at the same time.









Sequence for travelling the connector (being part of personal equipment) along the system including pass through a lug.

Versatile line anchor system.

Line anchor system PRIM is an anchor device intended for use with personal fall protection equipment. PRIM is a highly configurable system enabling fall protection adjustment to various structural conditions on the site. The system is designed for use by a group of 3 persons at the same, and can be re-configured to provide protection for up to 7 persons. It comprises a horizontal guide made of stainless steel cable of 8 mm in diameter equipped with energy absorber and tensioner. The guide is attached to a fixed structure at structural anchor points by means of a rich variety of support poles or anchor plates. The user is attached directly to a lifeline by means of connectors, being components of personal fall protection equipment. The device conforms to EN 795 class C and is suitable for works in explosion-hazard zones.

Description of system PRIM

Line anchor system PRIM is a C class anchor device conforming to EN 795 and FprCEN/TS16415. The system is designed for use by a group of up to 3 persons at the same time, and can be re-configured to provide protection for a larger group of up to 7 persons. The system can be installed on building walls, structures or on roofs, terraces, etc. It comprises the following types of components:

- end structural anchor elements such as end plates or poles (1, 2, 12, 13, 14, 15, 19),
- intermediate structural mounting elements such as line holders
- or line return rolls (3, 4, 5, 6, 17, 18),
- energy absorbers and line tensioning elements (7, 8),
- connecting elements (11, 16, 21),
- cable being guide for movable anchor points for personal fall protection equipment (9, 10),
- information plates (20).

System PRIM includes movable anchor points – connectors being part of personal fall protection equipment, however use of PRO-TEKT AZ011 oval connector is recommended due to its suitability for use with intermediate mountings of the cable applied within the system. All the system components are made of corrosion resistant materials (stainless steel, brass, plastic) or hot-dip galvanized carbon steel.



Components of System PRIM











DUO

- System is based on stainless steel cable of 8 mm in diameter,
- Duo can be installed on roofs by means of poles, and walls so that persons near the edges are provided with fall protection in horizontal,
- System can be configured for up to 7 users at the same time,
- Slide being movable anchor point enables mobility along the system without hampering the fall pro-tection.









a movable anchor point, along the system including pass through a lug without

Advanced line anchor system.

Horizontal anchor system DUO is an anchor device intended for use with personal fall protection equipment. The system is designed for use by a group of 3 persons at the same time, and can be re-configured to provide protection for 7 persons. It comprises a horizontal guide made of stainless steel cable of 8 mm in diameter equipped with energy absorbers, tensioners and turns. The guide is attached to a fixed structure at structural anchor points by means of support poles or anchor plates. Each user is attached to an individual slide being a movable anchor point for personal fall protection equipment and enabling free mobility along the system without hampering the fall protection. The device conforms to EN 795 class C and is suitable for works in explosion--hazard zones.

Description of system DUO

Line anchor system DUO is a C class anchor device conforming to EN 795. It is suitable for use by 1, 2 or 3 persons at the same time. The system can be installed on building walls, steel structures or roofs or terraces. The system comprises the following types of components:

- end structural anchor points such as wall plates or poles (1, 10, 11, 12, 13, 14, 16),
- intermediate structural mounting elements such as line holders or tube turns (2, 3, 15),
- energy absorbers, tensioners (4, 5),

• connecting elements for cable (6, 7, 18) being a guide for movable anchor points for personal protective equipment.

System DUO includes movable anchor points as easily dismountable slides (9) intended for use with intermediate system points along with snap hooks being part of personal protective equipment. All the system components are made of corrosion resistant materials (stainless steel, brass, plastic) or hot-dip galvanized carbon steel.



Components of System DUO













MONOLINE

- Modular design and small number of components,
- Quick installation in various configurations,
- Conformity with EN 795:2012 and CEN/TS 16415:2013,
- Use by 3 persons at the same time possible.











Horizontal anchorage system with single line guide.

The concept of Monoline system is based on combination of a trolley, being movable anchor point for personal protective equipment, and a vertical guide made of a single steel cable. Such solution provides the user with an improved comfort of mobility due to ease of trolley travelling along the guide, comparable with rail systems. Thus it is possible to keep low investment costs which is characteristic of line systems.

The system Monoline conforms to EN 795:2012 and CEN/ TS16415:2013. It is a C class anchor device intended for use with personal fall protection equipment. It is suitable for use by up to three persons at the same time.

The system Monoline comprises: trolley made of galvanized steel, aluminium and stainless steel; horizontal guide made of stainless steel cable of 8 mm in diameter including energy absorbing and tensioning elements made of stainless steel, end and intermediate guide mountings made of stainless steel.

Installation modes for system MONOLINE



Wall installation



Installation along H-beam by means of mounting plates (no need of bores in the beam)



Ceiling installation



Installation transversally to H-beams by means of mounting plates (no need of bores in the beams)

Components of System MONOLINE



PROLINER

- System is intended for use by up to 3 persons at the same time,
- Trolley guide is formed by steel cable ø 8 mm,
- Trolley is movable anchor point for user while moving along system.



UP TO 3 USERS







2. Trolley being movable anchor

Comfortable line anchorage system.

Line horizontal anchor system PROLINER is a C class anchor device conforming to EN 795. The system is intended for use by up to 3 persons at the same time. All the PROLINER system components are made of stainless steel. The trolley is the system's movable anchor point for personal protective equipment. It enables mobility along the system while providing fall protection in vertical. The guide being trolley's runway is made of double stainless steel cable of 8 mm in diameter. Fall arrester is used to reduce forces affecting support structures, and return roll to properly tension the cable used within the system. The system is suitable for works in explosion-hazard zones.

Description of system PROLINER

Line anchor system PROLINER is a C class anchor device conforming to EN 795. The system is intended for use by up to 3 persons at the same time. It is equipped with tensioning and energy absorbing devices. Systems with lengths greater than 12 m are equ-

ipped with intermediate supports enabling the trolley's run. The trolley within the system is a movable anchor point for personal protective equipment. The data plate includes essential information on the system use and its unique serial number, date of in-

ipped with intermediate supports enabling the trolley's run. The stallation (month and year) and date of next technical inspection.



Components of System PROLINER

HL 220 intermediate line holder with lug



HL 506 5





HL 620 trolley 6

7

8



HL 420 return roll



AZ 090

connector



HL 500 lanyard

4







TRASER

- Rail horizontal anchorage system is made of galvanized steel and enables free horizontal mobility,
- Provides protection for up to 3 persons at the same time,
- Perfect for ramps or platforms,
- System can be used for works in a harness.



UP TO 3 USERS







Rail anchorage system.

Rail anchorage system TRASER is a D class anchor device conforming to EN 795. It is used for attaching personal fall protection equipment. The system enables horizontal mobility and provides protection for up to 3 persons at the same time. The system comprises a horizontal rail as a truss, trolley being movable anchor point for personal fall protection equipment, runway end locks, rail guide connectors and elements for mounting the guides on a fixed structure. The rail guide is made of hot-dip ga-Ivanized steel. Trolley, connectors, runway locks and elements for mounting the guides on a fixed structure are made of hot-dip galvanized, galvanized and stainless steel or plastic. The system is suitable for works in explosion-hazard zones.

Description of system TRASER

System TRASER provides simultaneous protection for 3 persons equipped with personal fall protection equipment. The system is based on straight (HR201) or curved (HR202) segments of mesh structure forming runway for the trolley (HR101). The trolley is a movable anchor point for individual fall protection equipment. Individual segments of the rail guide are connected by means of connectors (HR301/HR302) providing stabilisation of adjacent segments. The ends of the rail guide are closed by means of runway locks (HR501) to disable uncontrolled travel of the trolley out of the runway. The system also comprises hangers (HR401) for mounting guides on a fixed structure and information plate (HR801 or HR802). System TRASER is made mainly of hot-dip galvanized steel. Bolt elements are made of hot-dip galvanized steel, hanger joints and trolley guide-wires are made of plastic. Information plates are made of stainless steel or plastic.

Horizontal anchorage system TRASER conforms to FprCEN / TS16415.





MARAN

- Rail vertical anchorage system with lockable slide being an anchor point,
- System can be used by 2 persons at the same time. The device conforms to EN 795 class D,
- System can be used for works in a harness



UP TO 2 USERS







 Rail mounting.
Rail end lock.
Trolley – movable anchor point with lock.

Rail anchorage system.

The system is used for attaching personal fall protection system on a fixed structure and at the same time enables mobility while keeping full protection. The system can be used by 2 persons at the same time, each of whom should be attached to a separate trolley. The rail anchorage system comprises a rail being the trolley runway (movable anchor point for personal fall protection equipment), runway end locks, rail guide connectors, turns and elements for mounting the guide on a fixed structure. The rail guide is made of aluminium alloy. Trolley, rail connectors, runway locks, elements for mounting the guide on a fixed structure are made of aluminium alloy, and connecting elements (bolts) are made of stainless steel.

Description of system MARAN

System MARAN comprises a stiff guide mounted securely on a fixed structure. The guide is equipped with end stops, mountings for connecting to a support structure and rail segment connectors. The guide has either one or two trolleys being movable anchor points for personal fall protection equipment. All the system elements are made of aluminium alloy or stainless steel and plastic.

Vertical turn MR 203 is used to avoid obstacles along the runway without breaking its integrity. The system cannot be used for anchorage in vertical.

1.15













SKC-BLOCK

- System is intended for mounting on vertical facade ladders, chimneys or masts, etc.,
- System provides protection of one person ascending the ladder,
- System is an anchor device conforming to EN 353-1.



USER ONLY









 System upper end – anchor plate and cable ending,
Guided type mechanism AC 350 with snap hook AZ 011.

Vertical anchor system for ladders protecting one user.

Fall arrester with stiff guide – SKC-Block system is designed to protect a person ascending and descending vertical ladders against fall from a height. The system can be installed on any type of fixed ladders onto structures such as chimneys, towers, masts or buildings. The essential element within the system is a line grab, installed on a steel cable of 8 mm in diameter, connected to a front attachment D-ring on full body harness. General elements within the system such as cable, guided type mechanism, cable connector, steel bolt clamps and tensioner are all made of stainless steel.

Description of system SKC-BLOCK

Permanent vertical anchorage system SKC-BLOCK is a guided type fall arrester with a stiff guide and an energy absorbing and connecting component according to EN 363. System SKC-BLOCK conforms to Directive 89/686/EEC. General system configuration is shown in figure on the right. The system comprises vertical line guide made of stainless steel cable of 8 mm in diameter (ref. AC 850). Lower end of the line guide is equipped with a tensioner made of stainless steel (ref. AC 910). Upper end of the line guide is mounted on a fixed structure by means of stainless steel connector AZ 090. Vertical line guide of up to 10 m in length is equipped with line guide-wire (ref. AC 921) to protect line guide against vibrations caused by e.g. wind. Slide (ref. AC 350) is user's personal equipment installed on the guide if a fall protection system is to be used. The slide travels along the line up and down as with user's normal mobility, and in the case of his/ her fall it is locked on the line to arrest the fall.

Movable anchor point

AC 350 guided type mechanism

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Components of System SKC-BLOCK



AC 360

- System is intended for mounting on vertical facade ladders, chimneys or masts,
- System provides protection for 2 persons ascending the ladder,
- System is an anchor device conforming to EN 353-1.









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2.

1. Energy absorber. 2. Guided type mechanism AC 360.

Line vertical anchorage system for 1 or 2 persons.

Fall arrester with stiff guide – AS 360 system is designed to provide protection for up to 2 persons at the same time during their mobility in vertical. The system can be installed on any type of fixed ladders onto structures such as chimneys, towers, masts or buildings. The essential element within the system is a guided type mechanism, installed on a steel cable of 8 mm in diameter, connected to a front attachment D-ring on full body harness. General elements within the system such as cable, guided type mechanism, cable connector, steel bolt clamps and tensioner are all made of stainless steel. The device conforms to EN 353-1.

Description of system AC 360

Permanent vertical anchorage system AC 360 is a guided type fall arrester with a stiff guide and an energy absorbing and connecting assembly according to EN 363-1. System AC 360 conforms to Directive 89/686/EEC. General system configuration is shown in the figure. The system comprises vertical line guide made of stainless steel cable of 8 mm in diameter (ref. AC 850). Upper end of the line guide is equipped with an energy absorber (ref. AC 361 / AC 362). Lower end of the line guide is equipped with a tensioner (ref. AC 910). Upper and lower ends of the line guide are mounted securely on a fixed structure by means of connector AZ 090. Vertical line guide with length of up to 10 m is equipped with line wire-guide (AC 921) to protect line guide against vibrations caused by e.g. wind. Slide (AC 360) is user's personal equipment installed on the guide if a fall protection system is to be used. The slide travels along the line up and down as with user's normal mobility, and in the case of his/her fall it is locked on the line to arrest the fall.

Movable anchor point

AC 360 guided type mechanism

13







AC 510

- Caged ladder AC 510 conforms to DIN 18799-1: Fixed ladders for construction works,
- Intended for ascending and descending at different types of devices, buildings, facilities, etc.,
- Can be used at any location where it can be mounted on a fixed structure.



USER ONLY









2. Rung with anti-slip textured surface.

Aluminium caged ladder with two uprights.

Aluminium ladder with a cage providing protection against fall from a height. The ladder is made of aluminium profiles. The cage is made of steel, and as needed, either stainless or hot-dip galvanized steel can be used. Elements for mounting the ladder on fixed structures are made of stainless steel.

Caged ladder AC 510

The ladder can be mounted on building walls by means of mechanical or chemical anchors M12, on steel structures by means of bolts, clamps, etc. Every 3 m long module section of the ladder should be supported (mounted) on a fixed structure in at least two points. Maximum spacing for ladder supports can be 1.8 m. Number of supports and points of their mounting on both the ladder and the structure should be considered depending on the ladder's total length. Supports are installed on the ladder's side panels with 4 bolts M8 on each side. Thanks to mounting the bolts in ladder profiles "rails" the supports can be slid freely along the whole ladder's length. Therefore mounting points for supports can be chosen with no problem at all. The supports are made of galvanized or stainless steel. The ladder's construction is based on aluminium profiles, and the cage is made of galvanized or stainless steel. Ladder rungs have anti-slip (specially textured) surface. On the top of the ladder, there is an exit barrier with a platform enabling safe descent from the ladder onto roof, platform, etc. The barrier has safe length, as required, of min. 1.1 m. The ladder AC 510 is of modular design. It can be formed with use of non-finite number of sections, each of 3 m in length. If ladder length other than x 3 m is desired, during it installation the ladder can be adjusted to any size on condition, however, that the cut length was n x 300 mm. Thanks to this the installation can be done

properly and thus each rung can be used. Ladder's cage conforms to DIN 18799-1. Cage inner diameter is 700 mm, which enables problem-free mobility within the cage. The cage is of modular design. Each section of the cage is 1.65 m long, and it can be divided (vertical bars can be cut to 850 mm) while keeping its full functionality. Total cage length should be adjusted to total ladder length. At the top it should be level with the ladder, and at the bottom as required by the standard, start at the height of 2-3 m from the ladder's bottom, thus enabling free access. The cage modules are bolted. Bolts are also used to mount the cage on the ladder itself. Safety barrier at the ladder's top is intended to protect the user during his ascending and descending the ladder onto roof, platform, etc. The barrier is fixed to the ladder and the cage. Is equipped with anti-slip platform (grating). The barrier is made fully of galvanized steel. The barrier is bolted to the ladder and the cage.

It is possible to mount a permanent vertical anchorage system conforming to EN 353-1, e.g. system SKC-BLOCK by PROTEKT on the ladder AC 510. The system is mounted on within the cage to provide an additional protection (double: cage and anchorage system).





AC 520

- System AC 520 conforms to EN 353-1:2002 VG11 Rfu 11.073,
- System can be used as ladder mounted on fixed structure,
- System can be used as rail mounted on rungs of existing ladder,
- Trolley with energy absorber and connector is equipped with locking mechanism and can be used by user as anchor point,
- Inclination from vertical up to 30° possible.

USER ONLY







Mast ladder with integrated vertical anchorage system.

System AC 520 is a mast ladder with integrated rail anchorage system providing fall protection. The system can be installed on fixed structures such as chimneys, towers, masts or buildings. The essential element within the system is a guided type mechanism, installed on a stiff guide. The user moves in vertical being attached to the trolley travelling along the rail. The trolley provides protection against an uncontrolled fall and includes an integrated energy absorber to reduce dynamic force produced during a fall to maximum 6 kN. Special design of the rail disables improper installation of the trolley on the guide. The system comprises sections of different lengths (up to 3 m long) with use of which it is possible to adjust the system length to the properties of the structure. The trolley travels freely along individual sections of the ladder with no need of its removal and thus loss of protection. The device conforms to EN 353-1:2002 VG11 Rfu 11.073.

Description of system AC 520

System AC 520 is a guided type fall arrester with a stiff guide and is an energy absorbing and connecting assembly according to EN 353. System AC 520 conforms to Directive 89/686/EEC. The system can be used both as a ladder, or a rail mounted on an existing fixed ladder. The system comprises individual ladder segments connected to each other, and mounted directly on a building and connected rail segments mounted on an existing ladder. The ladder can be equipped with access lock as door made of stainless steel and secured by a padlock (not included). To gain access to the ladder firstly lift door leafs with handles, open and lock in work position. System AC 520 is equipped with an asymmetric aluminium rail. Due to application of the asymmetric rail, the trolley AC 501 can be installed in only one proper configuration. In order to install the trolley on the rail its one eye should be guided through segment's ratchet with a lock. The trolley is equipped with textile energy absorber with connector AXK 10 at the end which is to be connected to front anchor point on full body harness designed for arresting a fall (according to EN 361). At the upper and lower ends of the system AC 520 there are segments with locks (with ratchet mechanism). They protect the trolley AC 501 against accidental sliding out of the rail. In order to remove the trolley from the rail take two independent steps: first, unlock and hold the ratchet (by pulling the lever at the back of the rail within the segment with lock) and then guide the trolley through the lock by removing it from the rail. Rail vertical anchorage system AC 520 can be used by 2 users at the same time. While ascending the users must keep the minimum distance of 3 m from each other. The system can be installed on vertical structures and structures with maximum 30° inclination from vertical. The rail itself can also be mounted on rungs of already installed fixed ladder. The trolley AC 501 does not require use of any additional energy absorbing elements. The device can be used in sub-zero temperatures (up to -30°C).

Application of an asymmetric section profile improves the safety while using the system. 8

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This solution disables improper installation of the trolley.

Components of System AC 520











AC 530

- System AC 530 conforms to EN 353-1:2002 VG11 Rfu 11.073,
- System can be used as ladder mounted on fixed structure,
- System is made fully of hot-dip galvanized steel,
- Inclination from vertical up to 30° possible.









Mast ladder with integrated vertical anchorage system.

System AC 530 is a mast ladder with integrated rail anchorage system providing fall protection. The system can be installed on fixed structures such as chimneys, towers, masts or buildings. The essential element within the system is a guided type mechanism, installed on a stiff guide. The user moves in vertical being attached to the trolley travelling along the rail. The trolley provides protection against an uncontrolled fall and includes an integrated energy absorber to reduce dynamic force produced during a fall to maximum 6 kN. The applied design solution improves safety while using the system and disables improper installation of the trolley.

The system comprises sections of different lengths (up to 3 m long) with use of which it is possible to adjust the system length to the properties of the structure. The trolley travels freely along individual sections of the ladder with no need of its removal and thus loss of protection. The device conforms to EN 353-1:2002 VG11 Rfu 11.073.

Description of system AC 530

System AC 530 is a guided type fall arrester with a stiff guide and is an energy absorbing and connecting assembly according to EN 353. System AC 530 conforms to Directive 89/686/EEC. The system comprises individual ladder segments connected to each other, and mounted directly on a fixed structure. System AC 530 is made fully of hot-dip galvanized steel. The applied design solution disables improper installation of the trolley on the rail. In order to install the trolley its one eye should be guided through segment's ratchet with a lock. The trolley is equipped with textile energy absorber with connector AXK 10 at the end which is to be connected to front anchor point on full body harness designed for fall arresting (according to EN 361). At the upper and lower ends of the system AC 530, there are end segments with locks (with ratchet mechanism). They protect the trolley AC 502 against accidental sliding out of the rail. In order to remove the trolley from the rail take two independent steps: first, unlock and hold the ratchet (by pulling the eye at the back of the rail within the segment with lock) and then guide the trolley through the lock by removing it from the rail. Rail vertical anchorage system AC 520 can be used by 1 person only. The system can be installed on vertical structures with maximum 30° inclination from vertical. The trolley AC 502 does not require use of any additional energy absorbing elements. The device can be used in sub-zero temperatures (up to -30°C).



Components of System AC 530



PROSAFE

- Modular design and small number of components,
- No need of welding, bending and other fitting works on the site,
- Balustrade sections can be disassembled and assembled for use in other locations without interference in the roofing while assembling,
- Passages, opened gates and snow discharge areas can be arranged,
- Barriers inclination angle can be adjusted in 15° increments within 90° inclination from vertical.











Cross coupler.
Counterweight.
Aluminium stop.

Modular free-standing edge guard system.

Barrier system is based on counterweights made of plastic, and additionally equipped with anti-slip coating. Thanks to couplers the barriers can be adopted to the roof, its curvature and difference in levels. The advantage of the modular barrier system is easy handling of individual elements and simple mounting with use of only 5 types of couplers made of hot--dip galvanized steel. The heaviest element within the system weighs 24 kg, and length of the longest is 2 m. Couplers allow for arranging passages, gates, openings and also snow discharge areas. Owing to their versatility the barriers can be adopted to nearly any conditions. When the roof parapet is lower than 150 mm, or open spaces are limited by barriers, the system enables use of edge board to prevent user's feet from slipping and tools from going down beyond the edge.

Description of system PROSAFE

Free-standing barrier system PROSAFE is designed for collective protection of employees performing works at heights on roofs or surfaces of non-public facilities. The system conforms to Regulation of the Polish Minister of Labour and Social Policy dated 26 September 1997 on general regulations concerning occupational safety. According to the Regulation minimum height of the barriers should be 1.1 m and these should be equipped with edge boards of min. 150 mm in height, as well as a bar in the middle of the distance between edge board and upper handrail. Use of the system is permissible on areas with incli-

nation of no more than 5° with bituminous, concrete, asphalt, and membrane-covered surfaces covered surfaces, as well as with combinations of these materials with stone and gravel. The system has been tested according to EN ISO 14122-3:2001 and EN 13374:2004 – protection class A, which actually means that it is able to withstand impacting forces during: falling of a person who leans against it, holds it while ascending and descending, or holds it while entering the handrail or falling outside the barrier. The barriers have weights isolated from load-bearing structure with special rubber pads made of EPDM to ensure they are resistant to the weather and protect the roof against chafing or bending being result of the influence of high temperatures. Modular design of the system PROSAFE enables installation with no need of using specialized tools by employees who are familiar with the instruction manual for the assembly and disassembly. Before installation, make sure that the ground is able to resist compressive stresses of the order of 0.68 N/cm2. As for the system, it is possible to arrange gates, passages, snow discharge areas, as well as access zones and ladder access protections and other devices.



Components of system PROSAFE



Review of anchorage systems



PRIM

System type: line horizontal anchorage system

Material: stainless steel and stainless steel cable, diameter 8 mm

Number of users: 3 - 7 persons. The system can be installed on roofs and walls.

Standard: EN 795 class C

DUO

System type: line horizontal anchorage system

Material: stainless steel and stainless steel cable, diameter 8 mm

Number of users: 3 - 5 persons. The system can be installed on roofs and walls.

Standard: EN 795 class C





PROLINER

System type: line horizontal anchorage system

Material: stainless steel and stainless steel cable, diameter 8 mm

Number of users: 3 persons The system can be installed under the roof, outside and inside, and can be used as ramp protection. Standard: EN 795 class C

MONOLINE

System type: modular line horizontal anchorage system

Material: stainless steel and stainless steel cable, diameter 8 mm Number of users: 3 persons

Standard: EN795:2012 and CEN/TS 16415:2013



Review of anchorage systems







TRASER

System type: rail horizontal anchorage system

Material: galvanized steel, plastic Number of users: 3 persons

The system can be installed under the roof, outside and inside, and can be used as ramp protection.

MARAN

System type: rail horizontal anchorage system

Material: aluminium, stainless steel and plastic Number of users: 2 persons

The system can be installed on roofs and walls.

SKC Block

System type: line vertical anchorage system

Material: stainless steel, galvanized steel and stainless steel cable, diameter 8 mm

Number of users: 1

The system can be installed on ladders.

AC 360

System type: line vertical anchorage system Material: stainless steel, galvanized steel and stainless steel cable, diameter 8 mm

Number of users: 1 or 2

The system can be installed on ladders.

Standard: EN 353-1 : 2002

Standard: EN 795 class D

Standard: EN 795 class D

Standard: EN 353-1 : 2002









AC 510

System type: caged ladder

Material: aluminium, stainless steel

Number of users: 2

AC 520

System type: rail vertical anchorage system which can be used as element of a mast ladder

Material: aluminium, stainless steel

Number of users: 2

AC 530

System type: rail vertical anchorage system integrated with mast ladder

Material: hot-dip galvanized steel

Number of users: 2

PROSAFE

System type: segmental free-standing balustrade

Material: steel, EPDM, rubber composite

Standard: DIN 18799-1

Standard: EN 353-1 : 2002

Standard: EN 353-1 : 2002

EN 13374:2004 – protection class A

PROTEKT

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