



Lifeline system

AIO

Passable facade

All-in-one lifeline system, passable, for facade use



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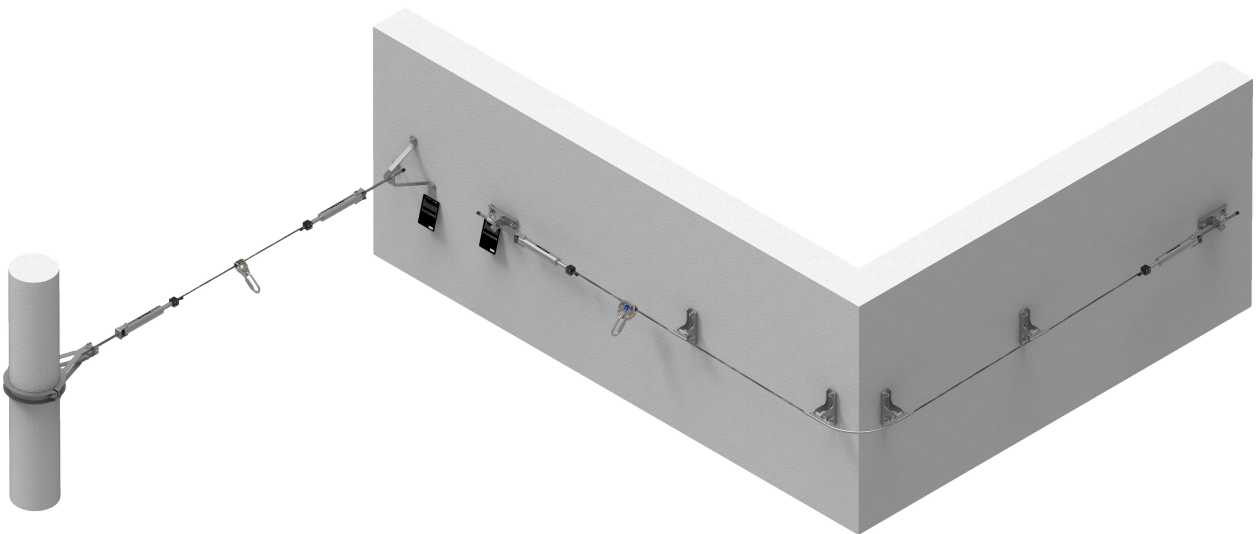
AIO-LIFELINE-SYSTEM-PASSABLE-FACADE

All-in-one lifeline system, passable, for facade use

The AIO-PASSABLE-FACADE lifeline system is a fall protection system which is deployed on facades, walls, and parapets. The protection of complex facade structures presents no problem to the lifeline system. Thanks to the fasteners specially developed for the facade application, such as intermediate bracket, end lock fastening, corner pass-through element, and much more, there is no longer anything to prevent installation along a facade. The slider makes it possible to pass over intermediate brackets and curves, thus completely avoiding inconvenient attachment and detachment by the protected person.

BENEFITS

- Simple installation using the fasteners developed for the facade area.
- Efficient installation through wide fastening distances up to 7,5 m.
- Long working life thanks to robust construction and easy visual checking of cable tension through the viewing window.
- Removable slider types optimally matched to the use case.



Technical product description

The system's principle component is our stable and proven 8 mm stainless steel cable. The cable, together with the various individual components, such as passable intermediate brackets and curve elements, the end lock, and a slider for different uses matched to the system, combine to create an integrated, harmonised system. The lifeline system can above all be attached to facades, walls, and parapets.



TECHNICAL BENEFITS

Reduction of installation effort

Depending on the substructure, the fastening distance can be up to 7,5 m. From a financial point of view, the wide fastening distances have a positive effect on the overall installation process.

Simple checking of readiness for use

The easily visible cable fastening allows a precise assessment of the cable clamping, and thus a simple inspection of the lifeline system's readiness for use (end lock with viewing window).

Consistent cable tension

The adjustable constant cable pre-tensioner is located at the end of the lifeline system. Amongst other things it ensures consistent cable tension in the event of temperature deviations.

State of the art certification:

EN 795:2012 TYP C und E

CEN/TS 16415

Components

AIO-TYP-20

Rating plate TYP-20 for lifeline systems

Material: stainless steel (AISI 316), plastic for identifying a horizontal lifeline system
Various fastening options!



AIO-ENDS-10

End lock set ENDS-10 for lifeline systems

Material: stainless steel (AISI 304), aluminium (anodised)
Complete set for one cable span, constant spring pre-tension and indicator clamp!



AIO-SEIL-30

Stainless steel cable SEIL-30 for lifeline system

Dimensions: Ø 8 mm (7 x 7)
Breaking load: 37 kN
Material: stainless steel (AISI 316) tested for INNOTECH lifeline systems



AIO-EB-11

End lock fastening EB-11 for façade

Mountable on: facade
Connection: fastening boreholes Ø 17 mm
Through boreholes: 134 mm
Material: stainless steel (AISI 304) for fastening the lifeline system with an end lock (AIO-ENDS-10)



AIO-EB-12

End lock fastening EB-12 for façade

Mountable on: concrete wall, facade
Connection: Ø 13 mm
Material: stainless steel (AISI 304) for fastening the lifeline system with an end lock (AIO-ENDS-10) 90° to the wall
Heavy duty anchors (BEF-104-A4) must not be used on weathered facades or insulation! (use 3 pcs. of adhesive anchorbilts M12)



AIO-SZH-11

Intermediate bracket SZH-11 for façade

Mountable on: facades
Connection: fastening boreholes Ø 17 mm
Through boreholes: 134 mm
Function range: 220°
Material: stainless steel (AISI 304)



AIO-SZH-90

Intermediate bracket SZH-90 for lifeline systems

Mountable on: wood
Connection: mounting hole Ø 12 mm
Material: stainless steel V2A (AISI 304)



AIO-EDLE-12

Curve EDLE-12 for façade lifeline systems

Mountable on: facade
Pass-over capability: inside or outside corners and overhead systems
Connection: fastening boreholes Ø 17 mm
Through boreholes: 134 mm
Engagement positions: 0°, 45°, 90°, 135°, 180°
Material: stainless steel (AISI 304) for setting up a 90° corner set



AIO-EDLE-13

Curve EDLE-13 for façade lifeline systems

Mountable on: steel construction
Pass-over capability: inside and outside corners or overhead systems
Connection: fastening boreholes Ø 17 mm
Engagement positions: 0°, 45°, 90°, 135°, 180°
Material: stainless steel (AISI 304) for setting up a 90° corner set
Restricted use as outside corners!



AIO-EDLE-16

Extension tube EDLE-16 for lifeline systems

Pass-over capability: special corners
Length: 1000 / 1500 / 3000 mm
Curve corner: 0°
Material: stainless steel (AISI 316)
Suitable bending device or flaring tool required for connecting to AIO-EDLE-12/ -13/ -17/ -18!



AIO-EDLE-16-90

Extension tube EDLE-16 for lifeline systems

Pass-over capability: special corners
Length: 1000 mm
Curve corner: 90°
Material: stainless steel (AISI 316)
Suitable bending device or flaring tool required for connecting to AIO-EDLE-12/ -13/ -17/ -18!



Accessory items

AIO-GLEIT-10-A4

Slider GLEIT-10 for lifeline systems

Material: stainless steel (AISI 316)
can be attached and detached at any point on the cable
in the horizontal lifeline system
free to move over all pass-through elements
(intermediate cable brackets and curves)



AIO-GLEIT-13-A4

Slider GLEIT-13 for lifeline systems

Material: stainless steel (AISI 316)
free to move over all pass-through elements
(intermediate cable brackets and curves)



AIO-GLEIT-20-A4

Slider GLEIT-20 for lifeline systems

Material: stainless steel (AISI 316)
can be attached and detached at any point on the cable
in the horizontal lifeline system
free to move over all pass-through elements
(intermediate cable brackets and curves)



SHOCK-10

Shock absorber SHOCK-10 for lifeline systems

Material: aluminium anodised
reduces the forces in the end points of an AIO lifeline
system
Enhancement of the cable deflection up to
approximately 50 cm!



SHOCK-11

Shock absorber SHOCK-11 for lifeline systems

Material: stainless steel (AISI 316)
reduces the forces in the end points of an AIO lifeline
system
Enhancement of the cable deflection up to
approximately 1000 mm!





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