



Anchorage system: steel cable horizontal lifeline

EN795

Use

Allow any person equipped with its fall protection to work safely.
Once connected to the line, workers can circulate freely and make his inspections, maintenance or repairs.

General description

Sayfglida is installed permanently on a structure, at ground, wall or ceiling level. Glider slide freely on the cable and run automatically at distance all intermediates. Sayfglida exist in two versions, 8mm and 12mm allowing:

- 8mm : Support up to 4 persons on the line.
- 12mm : Support up to 10 persons on the line.

Use

One glider per person

Energy absorption

Intermediate brackets have been designed to deform under load and absorb energy in case of fall.
An energy absorber can also be integrated at the end of the line to reduce load in the structure on which the lifeline is going to be installed.

Legislation and standards:

Sayfglida conforms to EN 795 standard.

Installation

Sayfglida shall be installed horizontally, or with a maximum angle of 15° with horizontal.
There are few fixations to have an ease and fast installation. Single Intermediate allow all configurations depending on the way it is installed (ground, wall, ceiling application).

Load requirements:

The calculation software allow to edit a load and deflection computation showing loads generated in case of fall on the lifeline.



Additional components

The Sayfglida system is designed for use with SALA Karabiners and recommended Harness KB1300S (N300/S) with front body attachment or KB1EXO/x for unrivalled comfort and security.

Servicing/maintenance

No specific maintenance of the system is required; nevertheless visual check of cable and glider for corrosion before and during each initial use.
Average lifespan: 10 years.
Full check and servicing by manufacturer or approved installer of the system required:

- Annually.
- After any fall.



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Technical specification

Cable :

8mm or 12mm, 7*7 construction in stainless steel.
Max. installed height above user's walkway: 14 metres.

Intermediate Support Brackets

Material: pressed stainless steel 316s.
Swivels and deforms to dissipate energy and minimise shock loads in a fall.

Two small holes, on two bracket faces, are clearance holes for M12. Opposite two larger holes provide access for socket or spanner to tighten the anchorage stud/bolt

Includes:

- Steel washer for location under the anchorage bolt head or nut face
- Nylon washer to prevent water ingress into the intermediate structural anchorages. Insert between structure and bracket during installation
- Nyloc nut to secure bracket to anchor studs

Sayflink Unit

Material: 316 stainless steel.
Designed as the attachment for a lanyard
Range of units, with a variety of lanyards and integral shock absorbers, to suit different applications. Includes:

- One-piece solid body, for use with Entry/Exit Unit
- Opening Sayflink for 8mm system (instead of Entry/Exit Unit)
- Roller links for attaching self-retracting lifelines

Corner Units

Enables system to follow contours of virtually any structure.

Material: stainless steel guide tubing supplied complete with brackets and washers

- Double attachment 90° units to turn cable through 90° horizontally
- Double attachment 45° unit to take shortest cable path across 90° inside corner
- Single attachment 90° backplated unit where one point of attachment is required (eg fixing to posts or clamp brackets)

End Unit Tensioner

Ensures system is adjusted to optimum tension
Swage less versions available for 8mm system

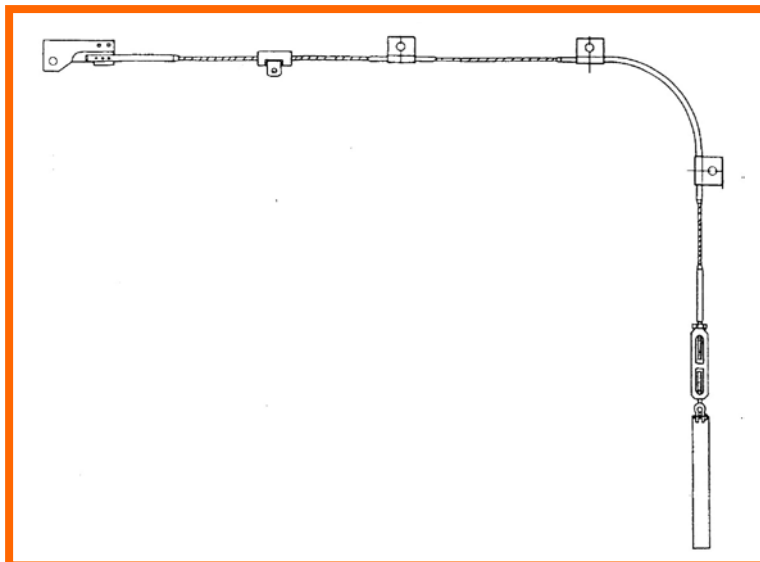
Entry/Exit Units (for 12mm system only, swaged)

Material: 316 stainless steel.

Also available pre-swaged

Supplied with two screws and a 'C' shaped bracket which may be attached to either side of unit to avoid side mistakes.

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Energy dissipater:

The Forceater unit dedicated to the 12mm and the Zorbit unit normally use for the 8mm to lower loads in the lifeline.

Mid-span Entry/Exit Units

Material: 316 stainless steel

Central body incorporates spring-loaded gate to prevent accidental detachment from system

Maillon Link:

Material: Stainless steel link with screw ferrule
To attach the Entry/Exit assembly or the tensioner unit to the structural anchor.

Tensioner Unit Toggle Swage (TUTS) and Tensioner Unit Toggle Toggle (TUTT):

Material: Stainless steel and chromed fosfar bronze toggle to avoid to seize up.

To take up excess slack in the cable once installation is complete. Toggle end may be attached directly to structural anchor or via maillon link.

TUTT: no swaging required

Fit one toggle end to hole in Entry/Exit assembly, other toggle end may be attached directly to structural anchor or via maillon link.

Posts / Lifeline anchorage system to the structure:

Topfix (for all kind of trapezoidal roof and standing seam)

Ease and fast installation with special rivets or clamps without roof opening. Specific design for each roof for perfect fitting.

Clamp Frame

Approved by Butler for use with Butler MR24 Standing Seam Roof

Swaging: use an SALA approved swaging machine.