

Travspring™

**Proximity lifeline
Easy to use and flexible**

Travspring

Monocable proximity lifeline

BENEFITS

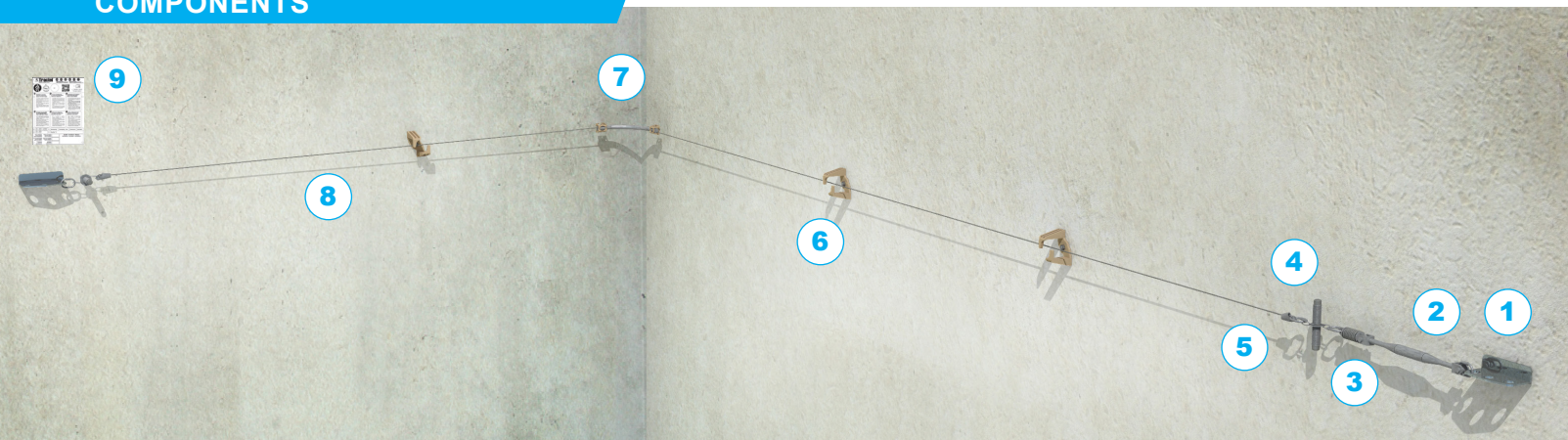
- Convenient: no special tools required for installation, pre-tension verified by a visual indicator
- Easy to use: a certified carabiner is all you need to use the lifeline
- Semi-automatic: crossing of the intermediate anchors is done without disconnecting the carabiner
- Adaptable: available in galvanised or stainless steel depending on the surrounding conditions
- Versatile: available with one or two absorbers to reduce stresses in the structure
- Universal: can be used on post, on ground, on wall or overhead

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For greater simplicity, Tractel has developed several kits that provide you with all the basic components required to build your lifeline.

All you have to do is define the length of the cable you need and the number of intermediate anchors.

COMPONENTS



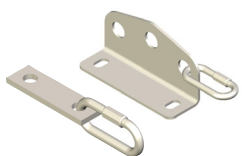
1

End anchor – start of lifeline

Located at both ends of the lifeline, these anchors are available in two versions: for post, or wall, ground and overhead.

It is the interface part between the structure and lifeline.

Material: stainless steel.



2

Tensioner

Located at one end of the lifeline, this tensioner tenses the line to ensure that it functions properly during use.

Material: stainless steel.



3

Tension indicator

Located at one end of the lifeline, this indicator is mounted in conjunction with the tensioner. It enables a visual check that the correct tension has been applied.

Material: stainless steel.

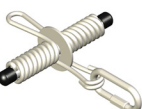


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Shock-energy absorber

Located at the ends of the lifeline, the absorber reduces the forces transmitted to the structure in the event of a fall. The lifeline can be fitted with one or two absorbers.

Material: stainless steel.



5

Wedge socket

Located at one end of the lifeline, it adjusts the length of the cable, and connects the cable to other components.

Material: copper-aluminium and stainless steel



6

Intermediate anchor

Evenly spaced along the length of the lifeline, these anchors are required for it to operate. Its design makes it easy to pass: the carabiner does not need to be disconnected.

Material: copper-aluminium.



7

Curve anchor

Required when turning, it allows a 90° turn to be performed.

A double lanyard is required to pass it.

Material: brass and stainless steel.



8

Cable

The main element of the lifeline, it can be made of galvanised or stainless steel. Sleeved at one end, the other free end is mounted in the wedge socket.

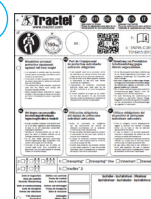


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Sign plate

This compulsory sign plate is installed next to the lifeline. It identifies the lifeline and allows it to record annual inspections.

A specific QR code integrated into the plate allows access to the technical documentation of the lifeline.



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Technical Specifications

- Galvanised or stainless steel cable
- Distance between anchors:

Span	Single span		Multiple span	
	Min.	Max.	Min.	Max.
Single-absorber version	1.8 m	30 m	1.8 m	28.5 m
Double-absorber version	5 m	30 m	5 m	15 m

- Slope: 15° maximum
- Multiple interfaces available

Use

- One to three users up to 150 kg
- One to five users up to 100 kg

Standards

- EN 795-C:2012 for one user
- CEN/TS 16415:2013 for multiple users

Installations

- On ground
- On wall
- Overhead (only for single span configurations)
- On post



CALCULATION NOTE

In accordance with the requirements of the standard EN 795, Tractel has a specific calculation software for its lifelines, to determine the forces and deflection of your installation.



INTERFACES

To adapt to the different structure configurations, Tractel has developed several interfaces.



Square base post

Suitable for concrete structures and flat roofs.
Available in heights of 250, 500 or 750 mm.
Available in galvanised or stainless steel*.



Rectangular base post

Suitable for semi-rigid structures and flat roofs.
Available in heights of 250, 500 or 750 mm.
Available in galvanised or stainless steel*.



Square base post, 20° inclination

Available in heights of 250 or 500 mm.
Available in galvanised steel.



Post for roof ridges

Available in heights of 250 or 500 mm.
Available in galvanised or stainless steel*.

Post for insulated roofs

Designed for insulated roofs, without cutting the insulation and preserving the waterproofing of the building.
Available on bitumen, EPDM rubber or PVC-coated roofs.



Posts with thermal protection

Our galvanised steel posts are also available as an insulated version with thermal protection. They are designed to eliminate the risk of condensation in winter when the outside temperature falls below 0 °C. They also help maintain optimum efficiency of roof insulation while reducing heat loss.



* only heights of 250 and 500 mm.

ADDITIONAL EQUIPMENT FOR YOUR FALL ARREST SYSTEM

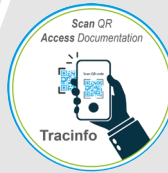
Fall arrest harnesses



Helmets



Automatic fall arrest devices



This product comes equipped with Tracinfo, an online service that simplifies the way you access product documentation. With Tracinfo, you can get instant access to manuals, certificates, and more with just a few clicks.

GLOBAL PRESENCE



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