



The Travsafe™ twin-cable system provides the best and safest comfort of use of Tractel® lifelines. The different sliders ensure the best use no matter the type of installation.

The Travsafe™ is a permanent horizontal lifeline system that is easy to install and can allow up to five users with a maximum weight of 100kg or 3 users with a maximum weight of 150kg. To be compliant with the 150kg rating, the harness and the connection (lanyards, retractable fall arresters or guided type fall arresters including a flexible anchor line) must all be rated 150kg.

The lifeline can be configured with stainless steel or galvanised wire ropes, stainless steel or aluminium anchors and stainless steel or bi-material absorber rings (see detail below).

#### APPLICABLE STANDARDS

- EN 795:2012 Personal fall protection equipment - Anchor devices
- CEN/TS 16415:2013 Recommendations for anchor devices for use by more than one person simultaneously
- EN 360 Retractable type fall arresters
- EN 353-2 Guided type fall arresters including a flexible anchor line
- EN 355 Energy absorbers and shock absorbing lanyards
- EN 361 Full body harnesses

#### COMPATIBLE PERSONAL FALL PROTECTION EQUIPMENT ALSO REQUIRED

- Full-body harness
- Shock-absorbing lanyard, retractable fall arresters or guided type fall arresters including a flexible anchor line

All Tractel® PPE certified EN 360 and EN 353-2 rated 150kg are tested and certified together with the Travsafe™ lifeline.

All lanyards certified EN 355 can be used with the Travsafe™ lifeline.

#### DOCUMENTATION

According to the applicable standard EN 795:2012 the following installation documentation must be provided to the users after the installation. This documentation should be kept in the building for later examination/inspection of the fall arrest system:

- the address and location of the installation;
- the name and address of the company that carried out the installation;
- the name of the person responsible for the installation;
- the product identification;
- the fastening device;
- the schematic plan of the installation,

The relevant document can be found in the user manual 146125 of Tractel®.

Tractel® can also provide the installation documentation together with the system deflection and site loading.

#### TECHNICAL SPECIFICATIONS

Span: 5 to 15m

Span for full stainless steel (wire ropes, anchors and absorbers): 0.8 to 30m

Multi users certified:

- 3 users 150 kg
- 5 users 100 kg

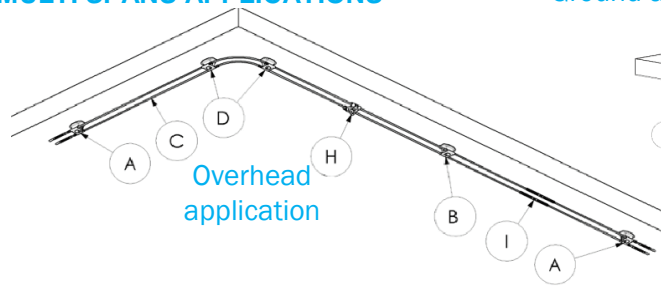
#### SYSTEM LOADING AND DEFLECTION

If you design, install and use a Travsafe™ lifeline according to the manual, the maximum force on end anchor, intermediate and corner kit will not be greater than the following values:

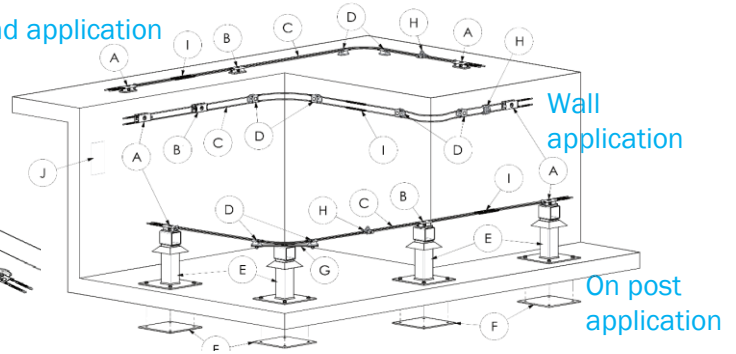
Contact Tractel® for system deflection and site-specific loading

	With stainless steel absorber	With bi-material absorbers
End anchor/curve kit	43 kN	21 kN
Intermediate anchor	6 kN	6 kN

**MULTI SPANS APPLICATIONS**



**Ground application**



**MAIN COMPONENTS**

Description	Code	Description	Code
A: Kit Travsafes with aluminium anchors and stainless steel absorbers for galvanised wire ropes	277467	B: Intermediate anchor stainless steel	126435
A: Kit Travsafes with stainless steel anchors and stainless steel absorbers for galvanised wire ropes	277487	Not shown: Start kit stainless steel	277557
A: Kit Travsafes with stainless steel anchors and stainless steel absorbers for stainless steel wire ropes	277497	C: Stainless steel wire rope	274257
A: Kit Travsafes with aluminium anchors and bi-material rings for galvanised wire ropes	277507	D: Curve kit with stainless steel anchor and stainless steel absorbers	74317
A: Kit Travsafes with stainless steel anchors and bi-material rings for galvanised wire ropes	277527	Not shown : Red caps kit (4x)	293659
A: Kit Travsafes with stainless steel anchor and bi-material rings for stainless steel wire ropes	277537	Not shown : Stop rings kit (4x)	293669
Description	Code	Description	Code
B: Intermediate anchor aluminium	20715	L: Kit stainless steel absorber rings (4x)	293679
Not shown: Start kit galvanised	277547	L: Kit bi-material absorber rings (4x)	293689
C: Galvanised steel wire rope	274247	U: Additional information plate EN/FR/DE/NL/IT/ES	277127
D: Curve kit with stainless steel anchor and bi-material absorbers	193048	V: Kit language EN/RU/PT/PL/DK	293649
E: Travsafes™ post (H=500mm)	104565	W: Additional information plate EN/RU/PT/PL/DK	277237
F: Counter plate for Travsafes™ post	131825		
G: Post plate for curve kit	114375		
H: Standard slider	76149		
H: Opening slider	76159		
H: Rollsafe slider	251649		
I: Repair rings	20875		

**CONFIGURATION IN USE**

The following configurations of the Travsafes™ lifeline are allowed:

Wire rope	Anchor	Absorber	Slider
<u>Application: floor/ground, wall and post</u>			
Galvanised	Aluminium	Stainless steel	Standard or opening
Galvanised	Aluminium	Bi-material	Standard or opening
Galvanised	Stainless steel	Stainless steel	Standard or opening
Galvanised	Stainless steel	Bi-material	Standard or opening
Stainless steel	Stainless steel	Stainless steel	Standard or opening
Stainless steel	Stainless steel	Bi-material	Standard or opening
<u>Application: overhead</u>			
Galvanised	Stainless steel	Stainless steel	Standard or Rollsafe
Stainless steel	Stainless steel	Stainless steel	Standard or Rollsafe

**CONFIGURING A LIFELINE**

When configuring a Travsafes™ lifeline, the following components need to be selected:

- 1x Travsafes™ kit,
- 2x Start kit,
- The additional length of wire ropes (each start kit includes 5m of wire ropes),
- If applicable, intermediate anchors,
- If applicable, curve kits,
- If applicable, additional absorber rings,
- If applicable, the required posts.

*Example:* Travsafes™ full stainless steel for overhead application, length 120m for 3 users 150kg.

To be ordered:

- 1x 277497 Kit Travsafes™ SA stainless steel wire rope SB
- 2x 277557 Start kit stainless steel
- 230x 274257 Wire ropes stainless steel
- 3x 126435 Stainless steel intermediate anchor
- 1x 293679 Kit absorber ring stainless steel
- 3x 251649 Rollsafe slider

All Travsafes™ kits include the documentation and information plate in EN/FR/DE/NL/IT/ES