



# Safety*Link*

## Catalogue

### 2024



Safety*Link*<sup>®</sup>

*Innovative  
Fall Protection*



# *‘Innovative Fall Protection’*

*SafetyLink is a global leader in designing unique energy absorbing height safety systems.*

*SafetyLink’s team provide clients with comprehensive training, data and technical information delivering protection to workers in a multitude of scenarios.*



SafetyLink Webinar  
Online Training Link



## HEIGHT SAFETY PERMANENT ROOF ANCHORS AND HORIZONTAL LIFELINE SYSTEMS

An Australian company established in 1998, SafetyLink is a global leader in design, manufacture and distribution of quality height safety systems. Recognised for pioneering the first energy absorbing anchor point, this same technology has been integrated into the Frog range of products.

All anchor points, lifelines and ladder systems manufactured by SafetyLink are extensively tested to meet and exceed industry standards. Tests are conducted by accredited facilities in a multitude of scenarios ensuring that our height safety systems can be relied upon beyond the test laboratory. We test to European Standards EN795, CEN/TS16415, Australian Standards AS/NZS 1891.4, 5532 and USA Standards OSHA/ANSI 1926.502, Z359.7.

# About SafetyLink

Working at heights is something SafetyLink takes seriously, with comprehensive installation instructions, online training and mobile applications all supported with an experienced technical team. Our online platform enables easy access to our learning management system, product information and lifeline system builds all in the one place.

- Supply a large range of height safety systems that protect workers from the ground up.
- All products tested and manufactured to current Standards.
- Access to online training modules 24/7.
- Supply of installation guides and product data sheets.
- Assisted system design layout and advice.
- Extensive technical support with collectively over 100 years of experience in the height safety industry.

Visit us at [www.safetylink.com](http://www.safetylink.com) for the latest training, height safety resources and fall protection products.

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# *'Innovative Fall Protection'*

*Energy Absorbing Anchors  
keeping you safe whilst  
working at heights*



SCAN ME

Roof Anchor Layout Video

## **ANCHOR POINT**

SafetyLink's dedicated design team have been working continuously creating a multitude of new anchors to suit any working at heights scenario.

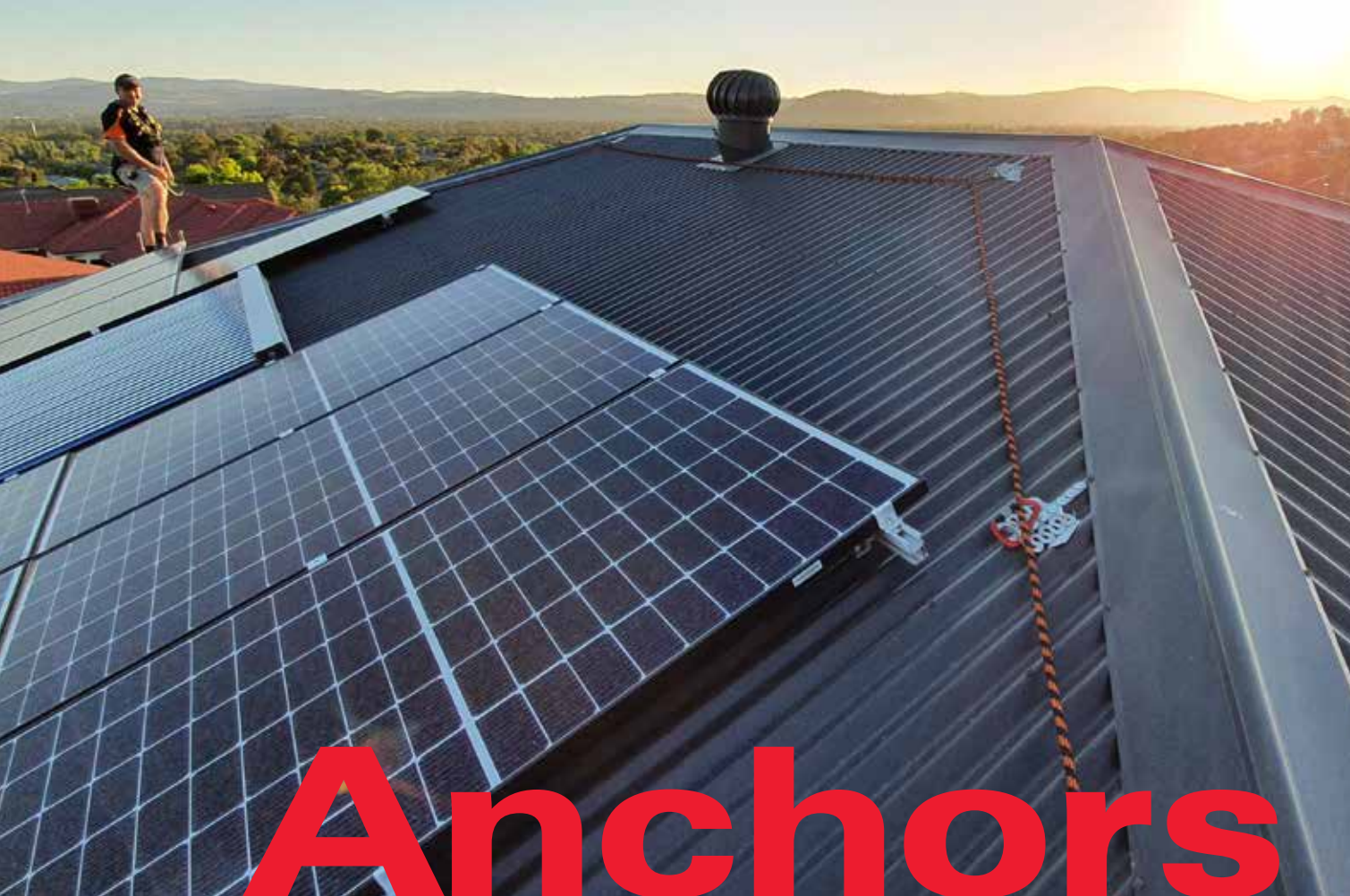
SafetyLink supply height safety equipment to all industries including industrial, commercial and domestic sites.

From a series of anchor points to a complete network of systems for maintenance, access and inspections, SafetyLink has you covered.

All SafetyLink products undergo extensive testing in a multitude of scenarios by accredited testing facilities.

SafetyLink's experienced technical team is complemented with comprehensive installation manuals and testing certificates.





# Anchors

## SafetyLink will provide you with the following:

- Supply a large range of anchor points that protect workers from the ground up.
- All products tested and manufactured to current Standards.
- Access to online training modules 24/7.
- Supply of installation guides and product data sheets.
- Assisted system design, layout and advice.
- Extensive technical support with collectively over 100 years of experience in the height safety industry.

## Benefits of choosing SafetyLink:

SafetyLink's roof anchor point designs incorporate the same stand out feature of all our roof anchors by maximising energy absorption. This dynamic design reduces the load back onto the structure and the worker attached to the roof anchor.

A fall is never an anticipated event when working at heights, therefore the direction of your fall cannot be accurately predicted. All SafetyLink roof anchors are designed and tested as multi-directional.



# CONCRETE MOUNTED ANCHORS

- SafetyLink's concrete mounted anchors are an extremely versatile anchor with a number of different eyebolt/insert combinations. The eyebolt range is designed for fall arrest and rope access.
- The Standard Eyebolt is designed for fall arrest only, it's long tapered stem is designed to absorb energy while arresting a fall therefore reducing the load off the structure and the person in the event of a fall.
- The Abseil Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.
- To comply with current Standards each concrete anchor must be tested after installation, see Appendix 2.



Installation Video



Chemical Adhesive Data Sheet



Installation Manual

## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

## Concrete Brass Bolt



- Brass Bolt to be used with concrete insert when eyebolt not in use.
- Keeps internal section of insert free from debris.

### PRODUCT CODE: CONCL006

Components	Description	Material	Qty
CONCL006	Concrete Brass Bolt	Brass	1

### CONCRETE MOUNTED ANCHORS

Product Code	Description	Weight (kg)
CONCL001 (ABSEIL)	ConcreteLink Anchor with Abseil Eyebolt	0.453
CONCL001 (STANDARD)	ConcreteLink Anchor with Standard Eyebolt	0.496
CONCL002	ConcreteLink Anchor with Collared Eyebolt	0.478
CONCL005	ConcreteLink One Piece Anchor - M16	0.332
CONCL006	Concrete Brass Bolt	0.037
CONCL011+FIXINGS	ConcreteLink Energy Absorbing Plate with Fixings	0.618
CONCL012	ConcreteLink One Piece Anchor - M12	0.323

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixers	168
TESTER-200-014	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge (Digital Gauge available)	166





### ConcreteLink Anchor with Abseil Eyebolt

### FALL ARREST & ABSEIL



- ConcreteLink can be ordered with Standard or Abseil Eyebolt. The Standard Eyebolt is designed for fall arrest only. The Abseil Eyebolt is designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 28mm hole to a depth of 90mm.
- Eyelet 28mm ID.

**PRODUCT CODE: CONCL001 (Advise Standard or Abseil Eyebolt)**

Components	Description	Material	Qty
NUT M16_316	Nut: M16	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1
<i>Advise if you require Standard or Abseil Eyebolt</i>			
EYEBT001	Standard Eyebolt (Bearing Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Bearing Length 130mm)	316SS	1

### ConcreteLink Anchor with Collared Eyebolt

### FALL ARREST & ABSEIL



- ConcreteLink Collared Eyebolt is a low profile anchor point designed for use in concrete, where the eyebolt can be removed if required.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 28mm hole to a depth of 90mm.
- Eyelet 35mm ID.

**PRODUCT CODE: CONCL002**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt M16 26mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### ConcreteLink One Piece Unit - M16 x 90mm

### FALL ARREST & ABSEIL



- ConcreteLink One Piece Unit is a low profile anchor point designed for use in concrete, where the eyebolt will remain in place exposed for attachment.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 18mm hole to a depth of 90mm.
- Eyelet 35mm ID.

**PRODUCT CODE: CONCL005**

Components	Description	Material	Qty
CONCL005	One Piece Concrete Anchor M16 x 90mm	316SS	1

### ConcreteLink One Piece Unit - M12 x 90mm

### FALL ARREST & ABSEIL



- ConcreteLink One Piece Unit is a low profile anchor point designed for use in concrete, where the eyebolt will remain in place exposed for attachment.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete. Drill a 14mm hole to a depth of 90mm.
- Eyelet 52mm ID.

**PRODUCT CODE: CONCL012**

Components	Description	Material	Qty
CONCL012	One Piece Concrete Anchor M12 x 90mm	316SS	1

### ConcreteLink Anchor Plate

### FALL ARREST & ABSEIL



- SafetyLink ConcreteLink is a single point anchor suitable for installation in concrete or steel structures.
- Chemically anchored into concrete.
- Concrete: Drill 2 x 14mm holes, 110mm apart to a depth of 95mm.
- Steel: see manufacturer's instructions.

**PRODUCT CODE: CONCL011+FIXINGS**

Components	Description	Material	Qty
CONCL011	ConcreteLink Energy Absorbing Plate	316SS	1
CON-M12x160-XDONUT	M12 x160 Anchor Rod, XRAIL Donut, Spring Washer, Washer	316SS	2

# CONCRETE WALL/FLOOR MOUNTED ANCHORS



## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive  
Data Sheet



Installation Manual

- SafetyLink's patented WindowLink anchor point is designed for use in concrete structures where the eyebolt will remain concealed until needed for use.
- The WindowLink can be placed outside or within the building, creating easy access for window maintenance.
- Both the WindowLink and SwiveLink are non obtrusive and designed to swivel 360 degrees with a built in shock absorber.
- Concrete Anchors must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- To comply with current Standards each concrete anchor must be tested after installation, see Appendix 2.

### CONCRETE WALL/FLOOR MOUNTED ANCHORS

Product Code	Description	Weight (kg)
WINDW001	WindowLink Anchor	0.476
SWIVL002	SwiveLink Anchor	0.495
TUFF-BRKT-C-COL	TUFF-BRACKET Wall Mounted Concrete Anchor with Collared Eyebolt	3.664
TUFF-BRKT-C-RET	TUFF-BRACKET Wall Mounted Concrete Anchor with Retro Eyebolt	3.170

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixers	168
TESTER-200-014	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge (Digital Gauge available)	166





## WindowLink

## FALL ARREST & ABSEIL



- WindowLink anchor point is designed for use in concrete structures where the eyebolt will remain concealed until needed for use.
- Designed to swivel 360 degrees with built in shock absorber.
- Discreet stainless steel cover.
- Chemically anchored into concrete, 55mm core drill to 20mm depth then drill a hole 28mm to a depth of 122mm.
- Eyelet 28mm ID.

### PRODUCT CODE: WINDW001

Components	Description	Material	Qty
WINDW001	WindowLink Concrete Anchor	316SS	1

## SwiveLink

## FALL ARREST & ABSEIL



- SwiveLink anchor point is designed for use in concrete structures with the convenience of a swiveling eyebolt.
- Designed to swivel 360 degrees with built in shock absorber.
- Chemically anchored into concrete, drill a 28mm hole to a depth of 90mm.
- Eyelet 28mm ID.

### PRODUCT CODE: SWIVL002

Components	Description	Material	Qty
SWIVL002	SwiveLink Eyebolt Anchor	316SS	1

## TUFF-BRACKET Concrete Wall Mounted Anchor

## FALL ARREST & ABSEIL



- Wall mounted bracket with Collared Eyebolt.
- Chemically anchored into concrete.
- Eyelet 35mm ID.

### PRODUCT CODE: TUFF-BRKT-C-COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt M16 26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

## TUFF-BRACKET Concrete Wall Mounted Anchor

## FALL ARREST & ABSEIL

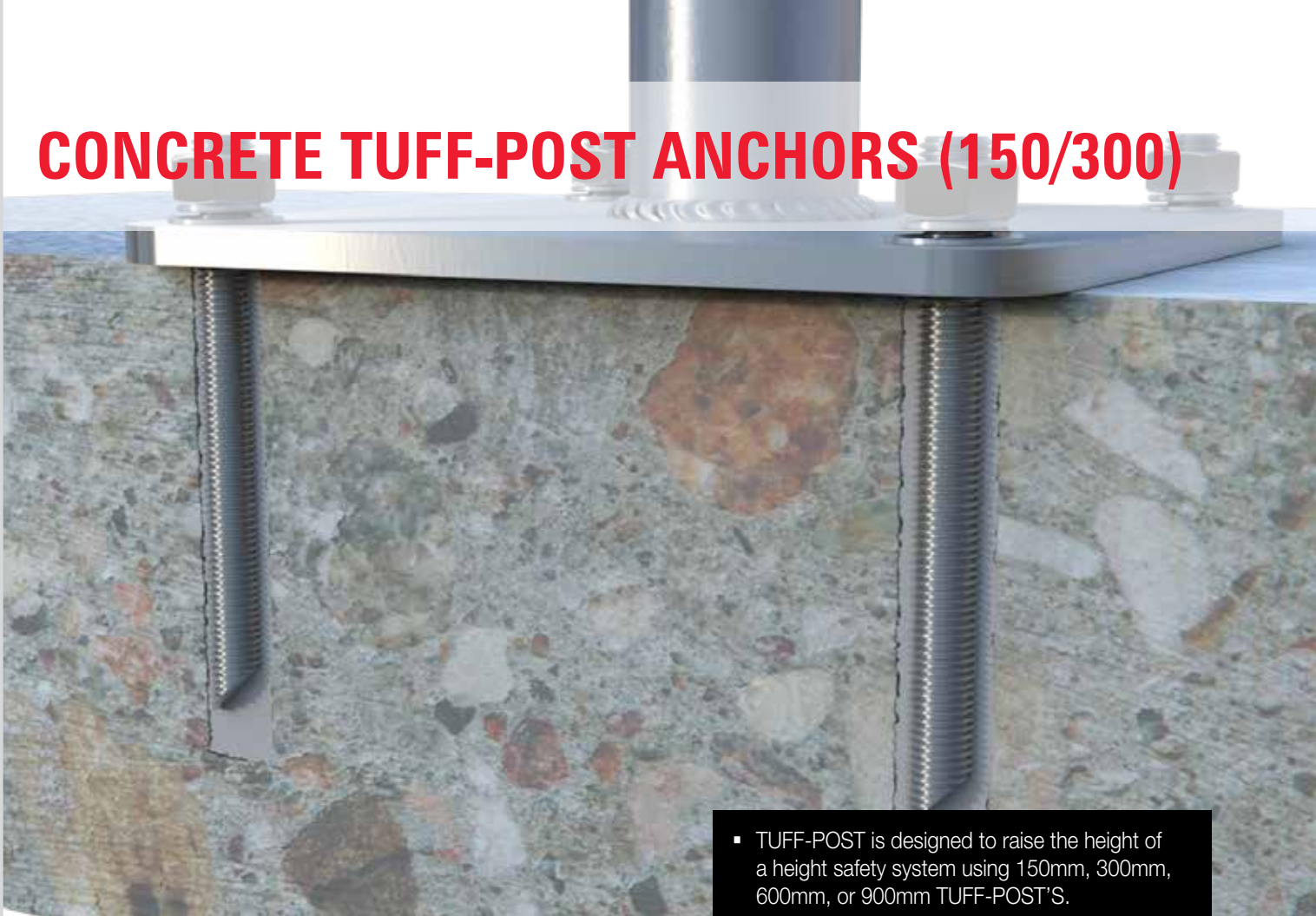


- Wall mounted bracket with Retro Eyebolt.
- Chemically anchored into concrete.
- Eyelet 28mm ID.

### PRODUCT CODE: TUFF-BRKT-C-RET

Components	Description	Material	Qty
EYEBOLT RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
NUT M16	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

# CONCRETE TUFF-POST ANCHORS (150/300)



## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive  
Data Sheet



Installation Manual

- TUFF-POST is designed to raise the height of a height safety system using 150mm, 300mm, 600mm, or 900mm TUFF-POST'S.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The Retro Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall. Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.
- Concrete Anchors must be chemically fastened. To comply with current Standards each concrete anchor must be tested after installation, see Appendix 1 & 2.

### CONCRETE MOUNTED TUFF-POST ANCHORS

Product Code	Description	Weight (kg)
TUFF-POST150R-C-RET	TUFF-POST Concrete Anchor Raised 150mm with Retro Eyebolt (Round Post)	3.615
TUFF-POST150R-C-COL	TUFF-POST Concrete Anchor Raised 150mm with Collared Eyebolt (Round Post)	3.559
TUFF-POST300R-C-RET	TUFF-POST Concrete Anchor Raised 300mm with Retro Eyebolt (Round Post)	6.689
TUFF-POST300R-C-COL	TUFF-POST Concrete Anchor Raised 300mm with Collared Eyebolt (Round Post)	6.633

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixers	168
TESTER-200-014	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge (Digital Gauge available)	166



Got questions? Contact SafetyLink for more information.

1300 789 545

**Concrete TUFF-POST 150mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST150R-C-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	2

**Concrete TUFF-POST 150mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST150R-C-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12X160, M12 Spring Washer, Washer & Nut	316SS	2

**Concrete TUFF-POST 300mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST300R-C-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

**Concrete TUFF-POST 300mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST300R-C-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

# CONCRETE TUFF-POST ANCHORS (600/900)



- TUFF-POST is designed to raise the height of a height safety system using 150mm, 300mm, 600mm, or 900mm TUFF-POST'S.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The Retro Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall. Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.
- Concrete Anchors must be chemically fastened. To comply with current Standards each concrete anchor must be tested after installation, see Appendix 1 & 2.

## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive Data Sheet



Installation Manual

### CONCRETE MOUNTED TUFF-POST ANCHORS

Product Code	Description	Weight (kg)
TUFF-POST600R-C-RET	TUFF-POST Concrete Anchor Raised 600mm with Retro Eyebolt (Round Post)	7.929
TUFF-POST600R-C-COL	TUFF-POST Concrete Anchor Raised 600mm with Collared Eyebolt (Round Post)	7.873
TUFF-POST900R-C-RET	TUFF-POST Concrete Anchor Raised 900mm with Retro Eyebolt (Round Post)	11.929
TUFF-POST900R-C-COL	TUFF-POST Concrete Anchor Raised 900mm with Collared Eyebolt (Round Post)	11.870

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixers	168
TESTER-200-014	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge (Digital Gauge available)	166



Got questions? Contact SafetyLink for more information.

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## Concrete TUFF-POST 600mm with Retro Eyebolt

## FALL ARREST & ABSEIL



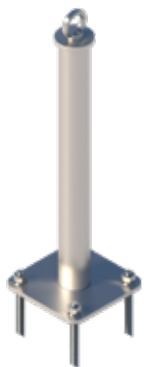
- TUFF-POST 600 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

### PRODUCT CODE: TUFF-POST600R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

## Concrete TUFF-POST 600mm with Collared Eyebolt

## FALL ARREST & ABSEIL



- TUFF-POST 600 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Collared Eyebolt - Eyelet 35mm ID.

### PRODUCT CODE: TUFF-POST600R-C-COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

## Concrete TUFF-POST 900mm with Retro Eyebolt

## FALL ARREST



- TUFF-POST 900 system is raised 900mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Retro Eyebolt - Eyelet 28mm ID.

### PRODUCT CODE: TUFF-POST900R-C-RET

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

## Concrete TUFF-POST 900mm with Collared Eyebolt

## FALL ARREST



- TUFF-POST 900 system is raised 900mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Chemically anchored into concrete.
- Collared Eyebolt - Eyelet 35mm ID.

### PRODUCT CODE: TUFF-POST900R-C-COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16X160, M16 Spring Washer, Washer & Nut	316SS	4

# CONCRETE CAST-IN TUFF-POST ANCHORS (150/300)



## ANCHORS

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Installation Manual

- TUFF-POST is designed to raise the height of a height safety system using 150mm, 300mm, 600mm, or 900mm TUFF-POST'S.
- Designed to be Cast-In concrete prior to construction.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The Retro Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall. Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.

### CONCRETE MOUNTED TUFF-POST ANCHORS

Product Code	Description	Weight (kg)
TUFF-POST150R-CAST-RET	TUFF-POST Concrete Anchor Raised 150mm with Retro Eyebolt (Round Post)	13.959
TUFF-POST150R-CAST-COL	TUFF-POST Concrete Anchor Raised 150mm with Collared Eyebolt (Round Post)	13.914
TUFF-POST300R-CAST-RET	TUFF-POST Concrete Anchor Raised 300mm with Retro Eyebolt (Round Post)	15.209
TUFF-POST300R-CAST-COL	TUFF-POST Concrete Anchor Raised 300mm with Collared Eyebolt (Round Post)	15.164





**Concrete CAST-IN TUFF-POST 150mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST150R-CAST-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with O-Ring & M16 Washer	316SS	1
RETRO-WASHER	Retro Stainless Steel Washer with Foam	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 150mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST150R-CAST-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 300mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST300R-CAST-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with O-Ring & M16 Washer	316SS	1
RETRO-WASHER	Retro Stainless Steel Washer with Foam	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 300mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST300R-CAST-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

# CONCRETE CAST-IN TUFF-POST ANCHORS (600/900)

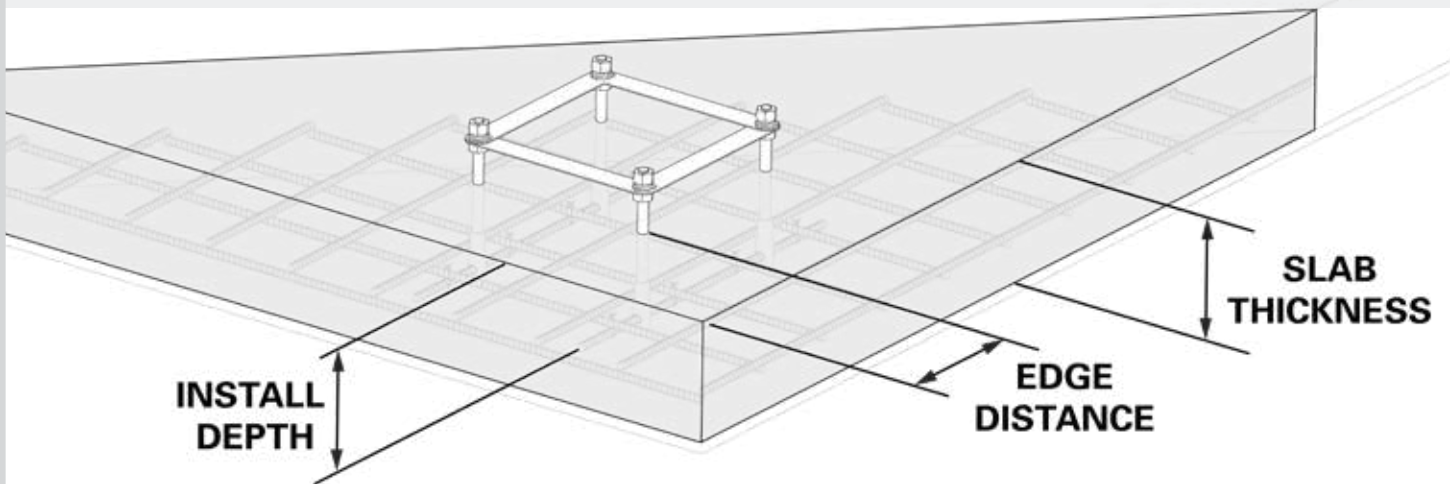
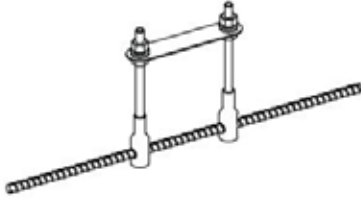
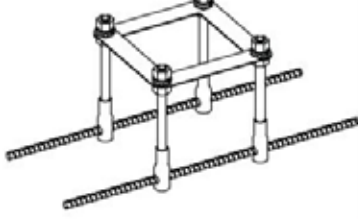
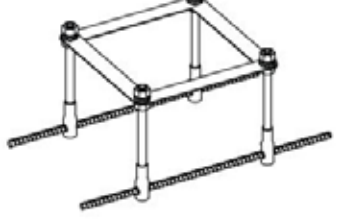


Figure 2

			
	150mm Tuff Post	300, 600 & 900mm Round Tuff Post	Floor Mounted Davit Base
<b>SS316</b>	CON-CAST-TP150R_SS	CON-CAST-TP300R_SS	N/A
<b>GALV</b>	CON-CAST-TP150R_GAL	CON-CAST-TP300R_GAL	DAVIT_BASE05
<b>Min Install Depth</b>	100mm	110mm	140mm
<b>Min Slab Thickness</b>	150mm	150mm	200mm
<b>Min Edge Distance</b>	150mm	150mm	200mm

## ANCHORS

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Installation Manual

### CONCRETE MOUNTED TUFF-POST ANCHORS

Product Code	Description	Weight (kg)
TUFF-POST600R-CAST-RET	TUFF-POST Concrete Anchor Raised 600mm with Retro Eyebolt (Round Post)	16.009
TUFF-POST600R-CAST-COL	TUFF-POST Concrete Anchor Raised 600mm with Collared Eyebolt (Round Post)	15.964
TUFF-POST900R-CAST-RET	TUFF-POST Concrete Anchor Raised 900mm with Retro Eyebolt (Round Post)	20.009
TUFF-POST900R-CAST-COL	TUFF-POST Concrete Anchor Raised 900mm with Collared Eyebolt (Round Post)	19.964



**Concrete CAST-IN TUFF-POST 600mm with Retro Eyebolt**

**FALL ARREST & ABSEIL**



- TUFF-POST 600 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST600R-CAST-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with O-Ring & M16 Washer	316SS	1
RETRO-WASHER	Retro Stainless Steel Washer with Foam	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 600mm with Collared Eyebolt**

**FALL ARREST & ABSEIL**



- TUFF-POST 600 system is raised 600mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST600R-CAST-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 900mm with Retro Eyebolt**

**FALL ARREST**



- TUFF-POST 900 system is raised 900mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST900R-CAST-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with O-Ring & M16 Washer	316SS	1
RETRO-WASHER	Retro Stainless Steel Washer with Foam	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

**Concrete CAST-IN TUFF-POST 900mm with Collared Eyebolt**

**FALL ARREST**



- TUFF-POST 900 system is raised 900mm off the concrete.
- 360° Multi-directional, enabling full rotation around the anchor.
- Designed to be Cast-In to concrete prior to construction.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST900R-CAST-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

# EYEBOLTS / EYEHOOKS / EYENUTS



## ANCHORS

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Chemical Adhesive  
Data Sheet

## EYEBOLTS / EYEHOOKS / EYENUTS

Product Code	Description	Rated	Weight (kg)
EYEHOOK M12	Eyehook: no thread (suits M12 Bolt)	15kN	0.120
EYEHOOK M16	Eyehook: no thread (suits M16 Bolt)	15kN	0.243
EYEBT001	Eyebolt: Standard (Bearing Length 178mm)	15kN	0.302
EYEBT002	Eyebolt: Abseil (Bearing Length 130mm)	15kN	0.249
EYEBOLT M16x26mm	Eyebolt: Collared M16 x 26mm	15kN	0.274
EYENUT M16	Eye nut: Collared Female 16ID	15kN	0.183
EYENUT M20	Eye nut: Collared Female 20ID	15kN	0.365

## Eyehook

## FALL ARREST & ABSEIL



- Single person anchor.
- Rated at 15kN.
- Complies with EN795.

Product Code	Description	Material	Qty
EYEHOOK M12	Eyehook: no thread (suits M12 Bolt)	316SS	1
EYEHOOK M16	Eyehook: no thread (suits M16 Bolt)	316SS	1



## Standard Eyebolt

## FALL ARREST



- The Standard Eyebolt is designed for fall arrest only.
- Available to attach to a multitude of different mounting systems.
- Energy absorbing, 360° Multi-directional.
- Single person anchor, rated at 15kN.
- Thread M16.
- Eyelet 28mm ID.

### PRODUCT CODE: EYEBT001

Components	Description	Material	Qty
EYEBOLT-STANDARD	Standard Eyebolt (Bearing Length 178mm)	316SS	1
NUT LOCKING HEX	Locking Hex Nut M16	316SS	1

## Abseil Eyebolt

## FALL ARREST & ABSEIL



- The Abseil Eyebolt is designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- Available to attach to a multitude of different mounting systems (not to be used with surface mounted anchor).
- Energy absorbing, 360° Multi-directional.
- Single person anchor, rated at 15kN.
- Thread M16.
- Eyelet 28mm ID.

### PRODUCT CODE: EYEBT002

Components	Description	Material	Qty
EYEBOLT-ABSEIL	Abseil Eyebolt (Bearing Length 130mm)	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Collared Eyebolt

## FALL ARREST & ABSEIL



- The Collared Eyebolt is a low profile anchor point.
- 360° Multi-directional.
- Single person anchor, rated at 15kN.
- Thread M16.
- Eyelet 35mm ID.

### PRODUCT CODE: EYEBOLT M16x26mm

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt M16 x 26mm	316SS	1

## EyenuT M16 & EyenuT M20

## FALL ARREST & ABSEIL



- Available to attach to a multitude of different mounting systems.
- Single person anchor, rated at 15kN.
- EyenuT M16 - Eyelet Internal Diameter 35mm.
- EyenuT M20 - Eyelet Internal Diameter 40mm.

### PRODUCT CODE: EYENUT M16 & EYENUT M20

Components	Description	Material	Qty
EYENUT M16	EyenuT: Collared Female Thread M16	316SS	1
EYENUT M20	EyenuT: Collared Female Thread M20	316SS	1

# TILELINK - RAFTER MOUNTED ANCHORS



- SafetyLink's team designed the TileLink roof anchor (winner of an episode on ABC1 The New Inventors) with unique energy absorbing capabilities, to reduce the risk of injury to the person and damage to the structure.
- The TileLink is quick to install, with amazing performance ability.
- Low profile reflective design is a plus for any commercial or residential enterprise wanting to maintain an aesthetically pleasing façade.
- The TileLink fits between the existing tiles ensuring no waterproofing issues. There is no need to cut the sarking as the design of this unique roof anchor eliminates any future potential roof leaks.
- Highly flexible design ensures installation to the majority of roof tile profiles.

## ANCHORS

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Installation Video



TILEL001 Installation Manual



TILEL001\_SFM Installation Manual

## TILELINK - RAFTER MOUNTED ANCHORS

Product Code	Description	Weight (kg)
TILEL001	TileLink Timber Rafter Mounted Anchor	0.634
TILEL001+SCREWS	TileLink Timber Rafter Mounted Anchor + 5 Screws	0.679
TILEL001_SFM	TileLink Steel Frame Mounted Anchor	0.630
TILEL001+RIVETS	TileLink Steel Frame Mounted Anchor + 5 Aluminium Rivets	0.665



## TileLink Anchor (Timber Rafters)

**FALL ARREST**



- TileLink anchor point is designed for use on **timber rafters** with tiled roof.
- 360° Multi-directional, enabling full rotation around the anchor.
- Five fixing points with five (5) alternate fixing rows to suit multitude of tile roof profiles.
- Install using 5 x 12 gauge (50mm) roofing screws.
- Eyelet 30mm ID.

### PRODUCT CODE: TILEL001+SCREWS

Components	Description	Material	Qty
TILEL001	TileLink Anchor for Timber Rafters	316SS	1
SCREW 12x50mm	12 Gauge x 50mm Hex Head Screw	Galvanized	5

## TileLink SFM Anchor (Steel Rafters)

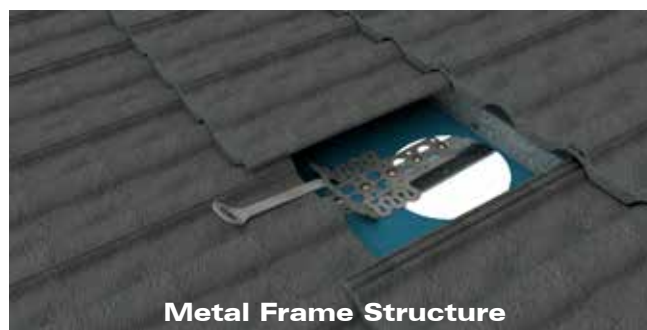
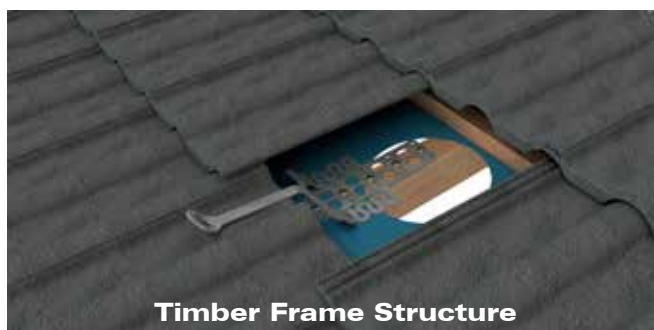
**FALL ARREST**



- TileLink anchor point is designed for use on **steel rafters** with tiled roof.
- 360° Multi-directional, enabling full rotation around the anchor.
- Five fixing points with three (3) alternate fixing rows to suit multitude of tile roof profiles.
- Install using 5 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).
- Eyelet 30mm ID.

### PRODUCT CODE: TILEL001+RIVETS

Components	Description	Material	Qty
TILEL001_SFM	TileLink Anchor for Steel Rafters	316SS	1
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Aluminium	5



### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
GESIPA.ACCU.PRO	Gesipa Powerbird BT Cordless Rivet Tool (includes extra battery)	164
GESIPA.PB.PRO.GOLD	Gesipa PowerPack PRO Cordless Rivet Tool (includes extra battery)	164
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2)	164
HANDTOOL001	SafetyLink Hand Rivet Tool	164

# RAFTER MOUNTED ANCHORS



## ANCHORS

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Installation Manual



Anchor Layout

- The RafterLink and HingeLink units include SafetyLink's patented Eyebolts. The length of the eyebolt enables it to protrude above the roof structure when installing into timber structures.
- Standard Eyebolt is designed for fall arrest, it's long tapered stem is designed to absorb energy while arresting a fall therefore reducing the load off the structure and the person attached to the anchor.
- Abseil Eyebolt can be adapted to the RafterLink forming an anchor from where you can abseil, creating a safe work station for hard to access maintenance on buildings.

### RAFTERLINKS - RAFTER MOUNTED ANCHORS

Product Code	Description	Weight (kg)
RAFTR001	RafterLink Anchor with Standard Eyebolt	1.446
RAFTR001+ABSEIL	RafterLink Anchor with Abseil Eyebolt	1.423
RAFTR004	Side Mounted RafterLink Anchor with Standard Eyebolt	1.682
RAFTR004+ABSEIL	Side Mounted RafterLink Anchor with Abseil Eyebolt	1.659
HINGE001	HingeLink Anchor with Standard Eyebolt	1.301
HINGE001+ABSEIL	HingeLink Anchor with Abseil Eyebolt	1.258





## RafterLink Anchor

## FALL ARREST & ABSEIL



- RafterLink anchor point is designed for use on timber structures where there is easy access to the top of the rafter.
- Fixing to hardwood F14 or greater use 8 type 17 Hex Head 14g x 75mm screws. Fixing to softwood less than F14, use 8 type 17 Hex Head 14g x 90mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

### PRODUCT CODE: RAFTR001 (Advise Standard or Abseil Eyebolt)

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
RAFTER-BASE	RafterLink Base 0 Degree Pitch	316SS	1

*Advise if you require Standard or Abseil Eyebolt*

EYEBT001	Standard Eyebolt (Bearing Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Bearing Length 130mm)	316SS	1

## Side Mounted RafterLink Anchor

## FALL ARREST & ABSEIL



- RafterLink Side Mounted anchor point is designed for use on timber structures where there is easy access to the rafter, installs onto the side of the rafter.
- Fixings required: eight (8) type 17 Hex Head 14g x 50mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

### PRODUCT CODE: RAFTR004 (Advise Standard or Abseil Eyebolt)

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
RAFTER-BASE-SIDE	RafterLink Side Mounted Base	316SS	1

*Advise if you require Standard or Abseil Eyebolt*

EYEBT001	Standard Eyebolt (Bearing Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Bearing Length 130mm)	316SS	1

## HingeLink Anchor

## FALL ARREST & ABSEIL



- HingeLink anchor point is designed for use on metal/tiled/timber structures where there is easy access to the underside of the roof, the base of the unit is hinged enabling a flexible means of attachment.
- Fixings required: four (4) M12 bolts and 2 Hex Head 12g x 50mm screws.
- 360° Multi-directional, will arrest a fall from any direction.
- Eyelet 28mm ID.

### PRODUCT CODE: HINGE001 (Advise Standard or Abseil Eyebolt)

Components	Description	Material	Qty
WASHER 75mm Square	75mm Rubber Hat Washer	Rubber	1
HINGE-BASE-SS	HingeLink Base	316SS	1

*Advise if you require Standard or Abseil Eyebolt*

EYEBT001	Standard Eyebolt (Bearing Length 178mm)	316SS	1
EYEBT002	Abseil Eyebolt (Bearing Length 130mm)	316SS	1

# RETROLINK - STEEL PURLIN ANCHORS



## ANCHORS

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Installation Video



Installation Manual

- The RetroLink anchor points are designed for use on metal roofing with steel purlin structure.
- Installation is a simple task requiring no access from underside of the roof, requiring only one 25mm hole to be drilled into the roof sheeting and through the purlin.
- Waterproofing washer combined with an O-Ring seals the hole, eliminating any waterproofing issues. Apply sealant between washer and roof sheeting ensuring entire section filled to prevent water penetration.
- Easy installation into concealed areas.
- RetroLink installed onto the raised section of roof sheet profiles are NOT suitable for abseiling due to potential roof sheet distortion under live loading.

### RETROLINKS - STEEL PURLIN MOUNTED ANCHORS

Product Code	Description	Weight (kg)
RETRO003	RetroLink Anchor with Flat Washer	0.447
RETRO004	RetroLink Anchor with Raised Washer <i>(Cannot be used for Abseiling)</i>	0.447
SWVL001	SwiveLink Anchor with Nut	0.568





### RetroLink Anchor with Flat Washer

### FALL ARREST & ABSEIL



- RetroLink anchor can be installed onto a steel C or Z purlin, where no access is available from underneath the roof. Steel purlins must be a minimum 1.2mm gauge.
- **Abseiling** and **Fall Arrest** anchor with an unobtrusive design that requires no special tooling and minimal penetration to the roof sheeting.
- 360° Multi-directional, enabling full rotation around the anchor.
- Drill a 25mm hole.
- Eyelet 28mm ID.

#### PRODUCT CODE: RETRO003

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt	316SS	1
RETRO-WASHER	Retro Washer with Foam	316SS	1
RETRO-TUBE	Retro Tube with Positioning Ties	316SS	1

### RetroLink Anchor with Raised Washer

### FALL ARREST



- RetroLink anchor with raised washer can be installed onto a steel C or Z purlin, where no access is available from underneath the roof. Steel purlins must be a minimum 1.2mm gauge.
- SafetyLink RetroLink anchors installed to the raised section of roof sheet profiles are **NOT suitable for Rope Access/Abseiling** due to potential roof sheet distortion under live loading.
- 360° Multi-directional, enabling full rotation around the anchor.
- Drill a 25mm hole.
- Eyelet 28mm ID.

#### PRODUCT CODE: RETRO004

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt	316SS	1
RETRO-WASHER-RAISED	Retro Raised Washer with Foam	316SS	1
RETRO-TUBE	Retro Tube with Positioning Ties	316SS	1

### SwiveLink with Nut

### FALL ARREST & ABSEIL

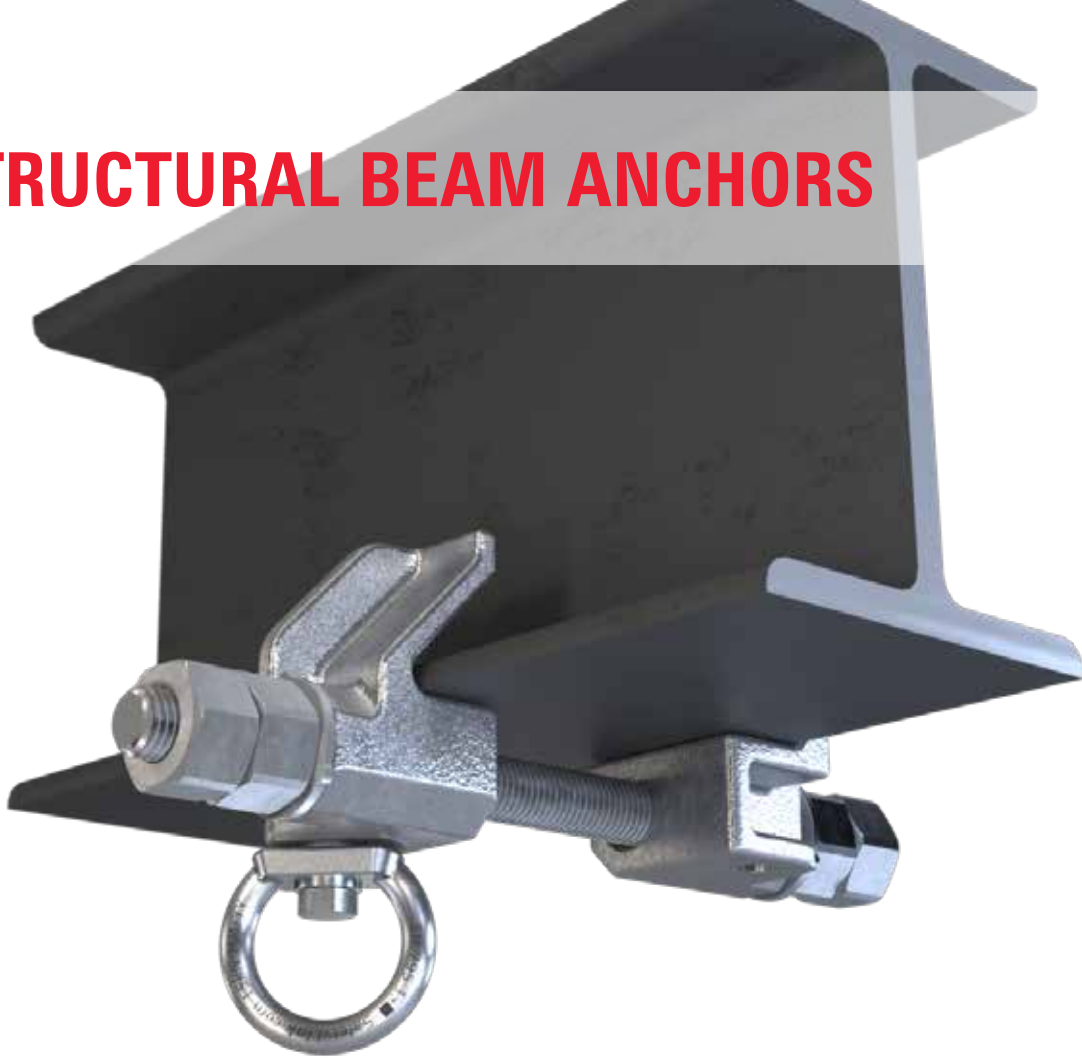


- SwiveLink anchor point is used in steel column structures.
- Designed to swivel 360°.
- Built in shock absorber with the convenience of a swiveling eyebolt.
- Drill a 28mm hole.
- Eyelet 28mm ID.

#### PRODUCT CODE: SWIVL001

Components	Description	Material	Qty
SWIVELINK	SwiveLink: Swiveling Unit 83mm	316SS	1
SWIVELINK NUT	SwiveLink Nut	316SS	1

# STRUCTURAL BEAM ANCHORS



## ANCHORS

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Installation  
Manual

- The BeamLink is designed to be mounted overhead on flanged beams like universal beams, columns and fabricated sections.
- Consult an engineer if there is any doubt a structure can take the required load.
- Select the BeamLink Anchor then BeamLink with required length to cover flange.

### OVERHEAD BEAMLINK ANCHORS

Product Code	Description	Weight (kg)
EYEHOOK M16_EN+BEAM_FIXINGS	BeamLink Eyehook Anchor Point (Advise length required to add to BeamLink Anchor)	0.327
EYEHOOK M16_ANZ1+BEAM_FIXINGS	BeamLink Eyehook Anchor Point (Advise length required to add to BeamLink Anchor)	0.327
EYEHOOK M16_ANZ2+BEAM_FIXINGS	BeamLink Eyehook Anchor Point (Advise length required to add to BeamLink Anchor)	0.327
EYEHOOK M16_ANSI+BEAM_FIXINGS	BeamLink Eyehook Anchor Point (Advise length required to add to BeamLink Anchor)	0.327

### BEAMLINK

Product Code	Description	Weight (kg)
BEAMLINK001.160	BeamLink to suit Flange upto 160mm (Advise length required to add to BeamLink Anchor)	5.736
BEAMLINK001.210	BeamLink to suit Flange upto 210mm (Advise length required to add to BeamLink Anchor)	5.884
BEAMLINK001.285	BeamLink to suit Flange upto 285mm (Advise length required to add to BeamLink Anchor)	6.122
BEAMLINK001.385	BeamLink to suit Flange upto 385mm (Advise length required to add to BeamLink Anchor)	6.418



**BeamLink Anchor (Complies with EN Standards)**

**FALL ARREST & ABSEIL**



- BeamLink structural beam attachment anchor.
- When fitted with eyehook the product is compliant with EN795 Type A:2012.
- Rated 12kN.

**PRODUCT CODE: EYEHOOK M16\_EN+BEAM\_FIXINGS**

Components	Description	Material	Qty
EYEHOOK M16_EN	Eyehook M16 (no thread)	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385) - 160mm Pictured			

**BeamLink Anchor (Complies with AS/NZS Standards)**

**FALL ARREST & ABSEIL**



- BeamLink structural beam attachment anchor.
- When fitted with eyehook the product is compliant with AS/NZS 5532:2013.
- Rated 15kN.

**PRODUCT CODE: EYEHOOK M16\_ANZ1+BEAM\_FIXINGS**

Components	Description	Material	Qty
EYEHOOK M16_ANZ1	Eyehook M16 (no thread)	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385) - 210mm Pictured			

**BeamLink Anchor (Complies with AS/NZS Standards)**

**FALL ARREST & ABSEIL**



- BeamLink structural beam attachment anchor.
- When fitted with eyehook the product is compliant with AS/NZS 5532:2013.
- Rated 21kN.

**PRODUCT CODE: EYEHOOK M16\_ANZ2+BEAM\_FIXINGS**

Components	Description	Material	Qty
EYEHOOK M16_ANZ2	Eyehook M16 (no thread)	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385) - 285mm Pictured			

**BeamLink Anchor (Complies with ANSI Standards)**

**FALL ARREST & ABSEIL**



- BeamLink structural beam attachment anchor.
- When fitted with eyehook the product is compliant with ANSI Z359.18:2017.
- Rated 22.2kN.

**PRODUCT CODE: EYEHOOK M16\_ANSI+BEAM\_FIXINGS**

Components	Description	Material	Qty
EYEHOOK M16_ANSI	Eyehook M16 (no thread)	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385) - 385mm Pictured			

# STEEL TUFF-POST ANCHORS (150/300)



## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual



Anchor Layout

- TUFF-POST is designed to raise the height of a height safety system using 150mm, 300mm, 600mm or 900mm TUFF-POSTS.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The Retro Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.

Product Code	Description	Weight (kg)
TUFF-POST150R-S-RET	TUFF-POST Steel Anchor Raised 150mm with Retro Eyebolt	3.977
TUFF-POST150R-S-COL	TUFF-POST Steel Anchor Raised 150mm with Collared Eyebolt	3.927
TUFF-POST300R-S-RET	TUFF-POST Steel Anchor Raised 300mm with Retro Eyebolt	6.445
TUFF-POST300R-S-COL	TUFF-POST Steel Anchor Raised 300mm with Collared Eyebolt	6.383
TUFF-POST600R-S-RET	TUFF-POST Steel Anchor Raised 600mm with Retro Eyebolt	7.533
TUFF-POST600R-S-COL	TUFF-POST Steel Anchor Raised 600mm with Collared Eyebolt	7.467
TUFF-POST900R-S-RET	TUFF-POST Steel Anchor Raised 900mm with Retro Eyebolt	11.533
TUFF-POST900R-S-COL	TUFF-POST Steel Anchor Raised 900mm with Collared Eyebolt	11.467
TUFF-POST900_24-C-2AB	TUFF-POST Anchor Raised 900mm with Retro Eyebolt (Two Person Anchor)	21.982
TUFF-POST900_24-C-2COL	TUFF-POST Anchor Raised 900mm with Collared Eyebolt (Two Person Anchor)	22.040



**Steel Mounted TUFF-POST 150mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST150R-S-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_Spring_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

**Steel Mounted TUFF-POST 150mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 150 system is raised 150mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST150R-S-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_Spring_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

**Steel Mounted TUFF-POST 300mm with Retro Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST300R-S-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

**Steel Mounted TUFF-POST 300mm with Collared Eyebolt****FALL ARREST & ABSEIL**

- TUFF-POST 300 system is raised 300mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST300R-S-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

# STEEL TUFF-POST ANCHORS (600/900)

## Steel Mounted TUFF-POST 600mm with Retro Eyebolt

### FALL ARREST & ABSEIL



- TUFF-POST 600 system is raised 600mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST600R-S-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## Steel Mounted TUFF-POST 600mm with Collared Eyebolt

### FALL ARREST & ABSEIL



- TUFF-POST 600 system is raised 600mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST600R-S-COL**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## Steel Mounted TUFF-POST 900mm with Retro Eyebolt

### FALL ARREST



- TUFF-POST 900 system is raised 900mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Retro Eyebolt - Eyelet 28mm ID.

**PRODUCT CODE: TUFF-POST900R-S-RET**

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	1
RETRO-WASHER	Retro Washer with Rubber	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## Steel Mounted TUFF-POST 900mm with Collared Eyebolt

### FALL ARREST



- TUFF-POST 900 system is raised 900mm off the steel structure.
- 360° Multi-directional, enabling full rotation around the anchor.
- Collared Eyebolt - Eyelet 35mm ID.

**PRODUCT CODE: TUFF-POST900R-S-COL**

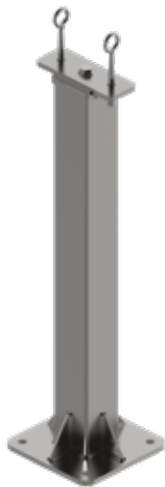
Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_Spring_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4



# TUFF-POST ABSEIL ANCHORS (600/900)

## TUFF-POST with Retro Eyebolt

## FALL ARREST & ABSEIL



- TUFF-POST is designed to raise the height of a height safety system using either a 600mm or 900mm TUFF-POST.
- 360° Multi-directional, enabling full rotation around the anchor.
- Retro Eyebolt - Eyelet 28mm ID.
- Rated 2 x 12kN Anchors.
- Fixings not included, can be used on Steel Structures or into Concrete.

### PRODUCT CODE: TUFF-POST600\_24-C-2AB

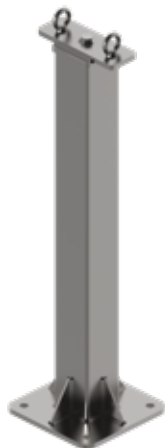
Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	2
TUFF-POST600_24	Tuff-Post 600: Square with Bracket	316SS	1

### PRODUCT CODE: TUFF-POST900\_24-C-2AB

Components	Description	Material	Qty
EYEBOLT-RETRO	Retro Eyebolt with M16 Flat Washer and O-Ring	316SS	2
TUFF-POST900_24	Tuff-Post 900: Square with Bracket	316SS	1

## TUFF-POST with Collared Eyebolt

## FALL ARREST & ABSEIL



- TUFF-POST is designed to raise the height of a height safety system using either a 600mm or 900mm TUFF-POST.
- Collared Eyebolts - Eyelet 35mm ID.
- Rated 2 x 12kN Anchors.
- Fixings not included, can be used on Steel Structures or into Concrete.

### PRODUCT CODE: TUFF-POST600\_24-C-2COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	2
TUFF-POST600_24	Tuff-Post 600: Square with Bracket	316SS	1

### PRODUCT CODE: TUFF-POST900\_24-C-2COL

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	2
TUFF-POST900_24	Tuff-Post 900: Square with Bracket	316SS	1

## ANCHORS

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The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- TUFF-POST is designed to raise the height of a height safety system using 600mm or 900mm TUFF-POSTS.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The Retro Eyebolt is a fall arrest rope access anchor designed to withstand a live load without activating the bending motion that occurs when arresting a fall.
- Where a low profile design is more desirable a Collared Eyebolt can be used to achieve this.

# FROGLINK - SURFACE MOUNTED ANCHORS



- This revolutionary all in one unit has been designed to attach to all metal roof profiles with a single row of attachment holes. This unique configuration makes it a fast simple unit for installation.
- The FrogLink's low profile reflective design is a plus for many commercial or residential enterprises wanting to maintain an aesthetically pleasing facade.
- Dynamic design reduces the load back onto the structure and person attached to the anchor when arresting a fall.
- The FrogLink will arrest from any direction, multi-directional 360 degrees.

## ANCHORS

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The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Video



Installation Manual

### FROGLINK SURFACE MOUNTED ANCHORS

Product Code	Description	Weight (kg)
FROGL001	FrogLink Anchor	0.291
FROGL001+RIVETS	FrogLink Anchor with 7 Aluminium Rivets	0.340
FROGL001+S5Z	FrogLink Unit + S5_Z Clamps	0.725
FROGL001+STROP_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag	0.779
FROGL001+STROP+RIVETS_swaged	FrogLink Anchor, 1.2m Strop swaged, Strop Hook, Tag and Rivets	0.828

### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
GESIPA.ACCU.PRO	Gesipa Powerbird BT Cordless Rivet Tool (includes extra battery)	164
GESIPA.PB.PRO.GOLD	Gesipa PowerPack PRO Cordless Rivet Tool (includes extra battery)	164
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2)	164
HANDTOOL001	SafetyLink Hand Rivet Tool	164





### FrogLink Anchor with Rivets

### FALL ARREST



- FrogLink is a surface mounted height safety anchor point for use on metal roof profiles where access to building structure is difficult.
- 360° Multi-directional, enabling full rotation around the anchor.
- Install using 7 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).

**PRODUCT CODE: FROGL001+RIVETS**

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Aluminium	7

### FrogLink Anchor with S5\_Z Clamps

### FALL ARREST



- FrogLink is a surface mounted height safety anchor point for use on Kingzip standing seam roof profiles where access to building structure is difficult.
- 360° Multi-directional, enabling full rotation around the anchor.
- Install using 2 x S5\_Z Clamps. This clamp has been designed to attach to Kingzip standing seam roof profile.
- For different standing seam roof profiles, consult with SafetyLink.

**PRODUCT CODE: FROGL001+S5Z**

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
S5_Z_BRACKET	S5_Z Clamp Bracket	Alum/SS	2

### FrogLink Anchor with First Man up Strop

### FALL ARREST

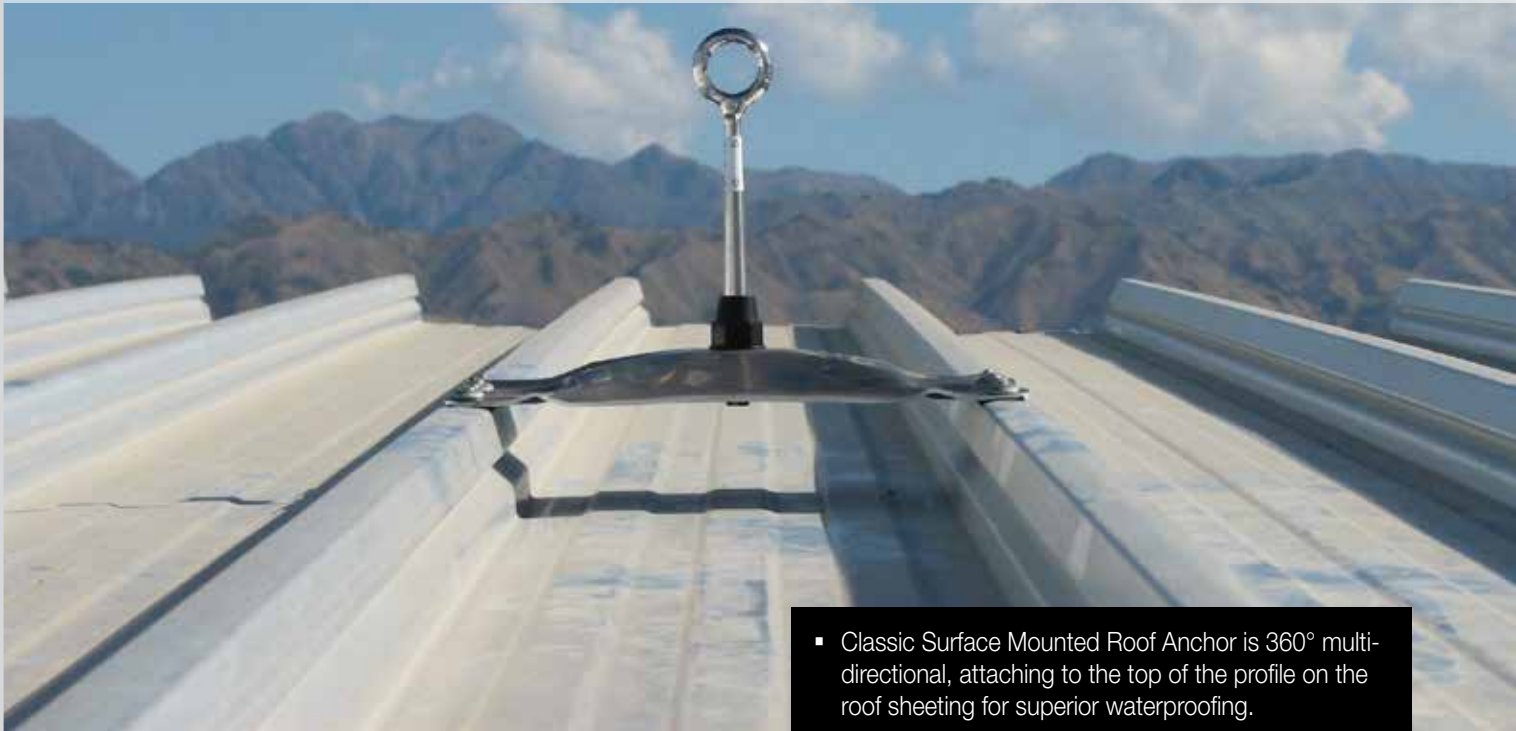


- FrogLink anchor with swaged Strop, to be used as a first man up system.
- 360° Multi-directional, enabling full rotation around the anchor.
- Attachment end should be secured with a strop hook when not in use to ensure it can be accessed from a safe area for next use.
- Install using 7 x 8mm Rivets (Drill Size 7.8-8.2mm Aluminium).

**PRODUCT CODE: FROGL001+STROP+RIVETS\_swaged**

Components	Description	Material	Qty
FROGL001	FrogLink Anchor	316SS	1
STROP 1.2m_swaged	1.2m Strop	316SS/PVC	1
STROPHOOK	Spring Fender Hook	316SS	1
STROPHOOK_TAG	Strop Hook Warning Label	Plastic	1
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Aluminium	7

# SURFACELINK - SURFACE MOUNTED ANCHORS



## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual



Anchor Layout

- Classic Surface Mounted Roof Anchor is 360° multi-directional, attaching to the top of the profile on the roof sheeting for superior waterproofing.
- SafetyLink Eyebolt is forged from 316 stainless steel with powerful energy absorbing qualities.
- The SafetyLink Eyebolt was developed and tested extensively to maximize energy absorption while retaining its strength when arresting a fall.
- The Eyebolts tapered design enables it to bend like a fishing pole to reduce the load back on the structure and the person attached to the anchor.
- Surface Mounted Anchors **must not** be used for rope access (abseiling).

### SURFACE MOUNTED ANCHORS

Product Code	Description	Weight (kg)
ASURF001	Surface Mounted Anchor (Aluminium Plate)	0.903
ASURF001+RIVETS	Surface Mounted Anchor (Aluminium Plate) with 10 Aluminium Rivets	0.973
HSURF001	Surface Mounted Anchor (Stainless Steel Plate)	1.453
HSURF001+RIVETS	Surface Mounted Anchor (Stainless Steel Plate) with 10 Aluminium Rivets	1.523
HSURFAB001+FIXINGS	Surface Mounted Abseil Anchor (Stainless Steel Plate) with Fixings	1.639
HSURFABR001+FIXINGS	Surface Mounted Abseil Anchor (Raised Stainless Steel Plate) with Fixings	2.013

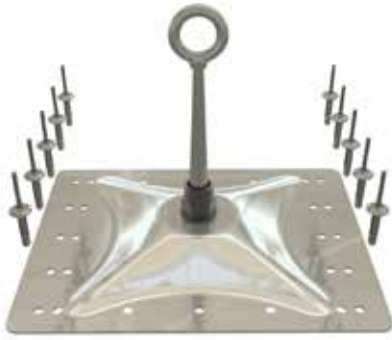
### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
GESIPA.ACCU.PRO	Gesipa Powerbird BT Cordless Rivet Tool (includes extra battery)	164
GESIPA.PB.PRO.GOLD	Gesipa PowerPack PRO Cordless Rivet Tool (includes extra battery)	164
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2)	164
HANDTOOL001	SafetyLink Hand Rivet Tool	164



## SurfaceLink Anchor (Aluminium Plate)

**FALL ARREST**



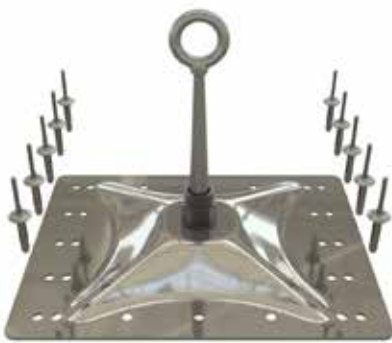
- SurfaceLink anchor point is designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles (blank plate or precut holes).
- Eyelet 28mm ID.

**PRODUCT CODE: ASURF001+RIVETS**

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Bearing Length 130mm)	316SS	1
ADV-PLATE-AL-305-H	SurfaceLink Plate (precut holes)	*MGA	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE	Adhesive single sided tape	Foam	2
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Alum	10

## SurfaceLink Anchor (Stainless Steel Plate)

**FALL ARREST**



- SurfaceLink anchor point is designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles. Eyelet 28mm ID.

**PRODUCT CODE: HSURF001+RIVETS**

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Bearing Length 130mm)	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE	Adhesive single sided tape	Foam	2
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Alum	10

## SurfaceLink Abseiling Anchor (Stainless Steel Plate)

**FALL ARREST & ABSEIL**



- SurfaceLink anchor point is designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles.
- Collared eyebolt designed for abseiling, Eyelet 28mm ID.

**PRODUCT CODE: HSURFAB001+FIXINGS**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	2
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE	Adhesive single sided tape	Foam	2
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Alum	8
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal	Steel	2

## SurfaceLink Abseiling Anchor (RAISED Stainless Steel Plate)

**FALL ARREST & ABSEIL**



- SurfaceLink anchor point is designed for use on metal roof sheeting where access to building structure is difficult.
- Adjustable design to suit different roof profiles.
- Collared eyebolt designed for abseiling, Eyelet 28mm ID.
- Designed to be fixed to the pan of the roof sheeting.

**PRODUCT CODE: HSURFABR001+FIXINGS**

Components	Description	Material	Qty
EYEBOLT M16x26mm	Collared Eyebolt: M16x26mm 316SS	316SS	1
ADV-PLATE-SS-290x237.5x67	SurfaceLink Plate RAISED 290x237.5x67	316SS	1
WASHER 70od_SS	Washer: 70mm OD 316 Stainless Steel	316SS	2
WASHER M16_SPRING_316	Spring Washer: M16 316SS	316SS	1
NUT M16_316	Nut: M16 316 Stainless Steel	316SS	1
FOAM-TAPE 29cm	Adhesive single sided foam tape	Foam	2
Rivet_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Alum	8
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal	Steel	2

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel

# SURFACE MOUNTED ANCHORS



## ANCHORS

SafetyLink provides a comprehensive online platform that enables you to participate in installation training, access product information and compile your certificate information in the one place.

The structure must be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Surface mounted 360° Multi-directional anchors, will arrest a fall from any direction.
- Install using S5 Clamp Mount Brackets, contact SafetyLink to find the bracket to suit your roof sheet profile.
- The brackets clamp to the roof profile with no penetration to the roof sheeting for superior waterproofing.
- There are different plate sizes, see Plate Selector for plate to suit your roof profile.

## SurfaceLink Standing Seam Anchor

## FALL ARREST

- A surface mounted height safety anchor point for use on standing seam roof profiles where access to structure is difficult or roof penetrations are not permitted.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.



### PRODUCT CODE: SURFCF001+FIXINGS

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Bearing Length 130mm)	316SS	1
ADV-PLATE-AL-SIZE	SurfaceLink Plate (Plate Selector)	*MGA	1
WASHER 70od_Plastic	Washers: 70mm OD	Plastic	1
WASHER 70od_SS	Washers: 70mm OD	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
S5_?_BRACKET	S5 Clamp (ADVISE TYPE)	Alum/SS	4

## SURFACE MOUNTED ANCHORS

Product Code	Description	Weight (kg)
SURFL001	Surface Mounted Anchor (2 Side Plates)	1.921
SURFL001+RIVETS	Surface Mounted Anchor (2 Side Plates) with 12 Aluminium Rivets	2.005
SURFL001-BROWNBUILT	Surface Mounted Anchor (2 Side Plates Bent for Brownbuilt Roof Profile) with 12 x 34mm Rivets (yellow)	2.026
SURFCF001+FIXINGS	Surface Mounted Anchor for Standing Seam Roof Profiles (ADVISE ROOF PROFILE FOR QUOTE)	TBA

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel





### Classic SurfaceLink Anchor (Adjustable Side Plates)

**FALL ARREST**

- SurfaceLink anchor point with two adjustable plates, designed for use on metal roof sheeting where access to building structure is difficult.
- Plates can be bent to suit Brownbuilt Roof Sheeting.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.



#### PRODUCT CODE: SURFL001+RIVETS

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Bearing Length 130mm)	316SS	1
SURF-SIDEPLATE	SurfaceLink Side Plate with foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(27.7)	Tri-fold Rivets 7.7 x 27.7 length (Green seal)	Alum	12

### Classic SurfaceLink Anchor (Adjustable Side Plates, BENT)

**FALL ARREST**

- SurfaceLink anchor point with two adjustable plates, designed for use on Brownbuilt Roof Sheeting where access to building structure is difficult.
- 360° Multi-directional, enabling full rotation around the anchor.
- Eyelet 28mm ID.



#### PRODUCT CODE: SURFL001-BROWNBUILT

Components	Description	Material	Qty
EYEBOLT-SURFACELINK	SurfaceLink Eyebolt (Bearing Length 130mm)	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate (BENT) with foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	2
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivets 7.7 x 34.0 length (Yellow seal)	Alum	12

#### RECOMMENDED TOOLS FOR INSTALLATION

Product Code	Description	Page
GESIPA.ACCU.PRO	Gesipa Powerbird BT Cordless Rivet Tool (includes extra battery)	164
GESIPA.PB.PRO.GOLD	Gesipa PowerPack PRO Cordless Rivet Tool (includes extra battery)	164
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2)	164
HANDTOOL001	SafetyLink Hand Rivet Tool	164

# TEMPORARY ANCHORS



SCAN ME  
 TEMPL5000  
 Installation  
 Manual



## TempLink 5000

## FALL ARREST



- Suitable for mounting on metal roof sheeting with steel purlins or timber battens.
- 316 stainless steel. Easy grip handle.
- 360° Multi-directional, enabling full rotation around the anchor.
- Less fixings required due to energy absorbing features.
- One person anchor.

Product Code	Description	Material	Qty	Weight (kg)
TEMPL5000	TempLink 5000 - Temporary Anchor	316SS	1	3.200



## TempLink 3000

## FALL ARREST



- Lightweight compact unit, enabling easy manoeuvring to desired location.
- The TempLink can be installed directly on **timber rafters** or through **metal roof sheeting** to battens.
- 360° Multi-directional, enabling full rotation around the anchor.
- One person anchor.
- Easy to secure with adjustable stainless steel mounting tabs.
- UV coated cable. Protective rubberised sleeve preventing damage to roof materials.
- Handy carry bag with installation instructions.
- Eyelet 33.8mm ID.

Product Code	Description	Material	Qty	Weight (kg)
TEMPL003	TempLink 3000 - Temporary Anchor	316SS	1	1.019



SCAN ME  
 TEMPL003  
 Installation  
 Manual







## Gridmesh

## FALL ARREST & ABSEIL

- The Gridmesh Anchor is ideal for use in a multitude of industrial applications and industries, including oil & gas, petrochemical plants onshore and offshore drilling rigs, power stations to name just a few.
- Lightweight compact unit, enabling easy manoeuvring to desired location.
- Two person rated anchor (GA02).
- It can also be used as a lifting device for hauling loads up to 1.2 tonne (GA03).
- Comes complete in a handy carry bag with installation instructions.
- ONLY to be used in a vertical orientation.
- ONLY to be used by a competent person, trained in fall protection or materials handling.
- The Gridmesh Anchor has been tested in accordance with ANSI Z359, EN795, AS/NZS 5532 and conforms with the anchorage strength requirements of AS/NZS1891.4 as a two person anchor.

### GRIDMESH ANCHORS

Product Code	Description	Weight (kg)
GRIDMESH.GA02	Gridmesh Anchor Kit - PERSONAL FALL ARREST (2 Person Rated)	21.000
GRIDMESH.GA03	Gridmesh Anchor Kit - MATERIAL HANDLING (1.2T Rated)	21.000



# *'Innovative Fall Protection'*

# FastFit — Davit

## Davit - Installation



## Davit - Catalogue



## Davit - Website



- 📍 Australian Made.
- 📍 Patent Pending.
- 📍 Shuttles traverse back and forth, for maximum adjustment.
- 📍 Davit breaks down into 3 easily transportable components.
- 📍 Can be used for material handling of up to 400kg (Refer installation handbook for further details).
- 📍 Boom lengths - 1m, 1.6m and 2.2 metres.
- 📍 Mast heights - 1m, 1.6m, 2.2m and 2.8 metres.
- 📍 Choice of retro fit or pre cast mounted.



SafetyLink's NEW patent pending FastFit Davit provides access to raise or lower workers from heights (roof tops). The FastFit Davit is a temporary anchor suitable for having one user suspended from the shuttle and a second user connected to either of the secondary attachment points (Mast or Base). Davit allows access over parapet walls and balustrades with ease.

#### FALL PROTECTION RATING

The FastFit Davit is rated for one user with a maximum weight of 150kg suspended from the shuttle and one user connected to either of the secondary attachment points.

#### MATERIALS HANDLING

The Davit may be used to lift materials. Davits used for material lifting purposes shall not be used for supporting a user, see manual for maximum loads allowed on Davit Booms.

#### STANDARDS

The FastFit Davit Temporary Anchor System is compliant with AS/NZS 5532 and EN795.

SafetyLink's FastFit Davit System is designed to achieve access to a wide range of scenarios, forming a complete system.

# FASTFIT DAVIT ANCHOR

## DAVIT KIT - MAST 1000mm / BOOM 1000mm



- Davit Kit - Mast 1000mm with Boom 1000mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 39.10kg

### PRODUCT CODE: DAVIT\_KIT10.10

Components	Description	Material	Qty
DAVIT_MAST10	1000mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM10	1000mm Boom	Aluminium/Stainless Steel/Gal Steel	1

## DAVIT KIT - MAST 1000mm / BOOM 1600mm



- Davit Kit - Mast 1000mm with Boom 1600mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 47.40kg

### PRODUCT CODE: DAVIT\_KIT10.16

Components	Description	Material	Qty
DAVIT_MAST10	1000mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM16	1600mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE10	1000mm Brace	Aluminium	1

## DAVIT KIT - MAST 1000mm / BOOM 2200mm



- Davit Kit - Mast 1000mm with Boom 2200mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 51.90kg

### PRODUCT CODE: DAVIT\_KIT10.22

Components	Description	Material	Qty
DAVIT_MAST10	1000mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM22	2200mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE10	1000mm Brace	Aluminium	1

# FAST/FIT DAVIT TEMPORARY ANCHOR KITS

## DAVIT KIT - MAST 1600mm / BOOM 1000mm



- Davit Kit - Mast 1600mm with Boom 1000mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 40.60kg

### PRODUCT CODE: DAVIT\_KIT16.10

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM10	1000mm Boom	Aluminium/Stainless Steel/Gal Steel	1

## DAVIT KIT - MAST 1600mm / BOOM 1600mm



- Davit Kit - Mast 1600mm with Boom 1600mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 51.90kg

### PRODUCT CODE: DAVIT\_KIT16.16

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM16	1600mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE16	1600mm Brace	Aluminium	1

## DAVIT KIT - MAST 1600mm / BOOM 2200mm



- Davit Kit - Mast 1600mm with Boom 2200mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 56.40kg

### PRODUCT CODE: DAVIT\_KIT16.22

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM22	2200mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE16	1600mm Brace	Aluminium	1

# FASTFIT DAVIT TEMPORARY ANCHOR KITS

## DAVIT KIT - MAST 2200mm / BOOM 1000mm



- Davit Kit - Mast 2200mm with Boom 1000mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 42.5kg

### PRODUCT CODE: DAVIT\_KIT22.10

Components	Description	Material	Qty
DAVIT_MAST22	2200mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM10	1000mm Boom	Aluminium/Stainless Steel/Gal Steel	1

## DAVIT KIT - MAST 2200mm / BOOM 1600mm



- Davit Kit - Mast 2200mm with Boom 1600mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 55kg

### PRODUCT CODE: DAVIT\_KIT22.16

Components	Description	Material	Qty
DAVIT_MAST22	2200mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM16	1600mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE22	2200mm Brace	Aluminium	1

## DAVIT KIT - MAST 2200mm / BOOM 2200mm



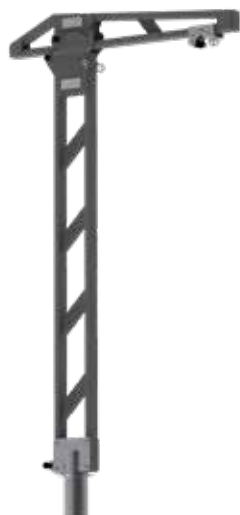
- Davit Kit - Mast 2200mm with Boom 2200mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 59.5kg

### PRODUCT CODE: DAVIT\_KIT22.22

Components	Description	Material	Qty
DAVIT_MAST22	2200mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM22	2200mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE22	2200mm Brace	Aluminium	1

# FASTFIT DAVIT TEMPORARY ANCHOR KITS

## DAVIT KIT - MAST 2800mm / BOOM 1000mm

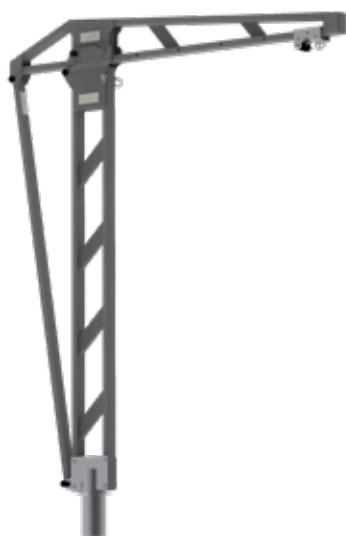


- Davit Kit - Mast 2800mm with Boom 1000mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 46kg

### PRODUCT CODE: DAVIT\_KIT28.10

Components	Description	Material	Qty
DAVIT_MAST28	2800mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM10	1000mm Boom	Aluminium/Stainless Steel/Gal Steel	1

## DAVIT KIT - MAST 2800mm / BOOM 1600mm



- Davit Kit - Mast 2800mm with Boom 1600mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 60kg

### PRODUCT CODE: DAVIT\_KIT28.16

Components	Description	Material	Qty
DAVIT_MAST28	2800mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM16	1600mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE28	2800mm Brace	Aluminium	1

## DAVIT KIT - MAST 2800mm / BOOM 2200mm



- Davit Kit - Mast 2800mm with Boom 2200mm.
- Shuttle included with Boom.
- Base not included.
- Weight: 64.6kg

### PRODUCT CODE: DAVIT\_KIT28.22

Components	Description	Material	Qty
DAVIT_MAST28	2800mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM22	2200mm Boom	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BRACE28	2800mm Brace	Aluminium	1

# FASTFIT DAVIT TEMPORARY ANCHOR PARTS

## DAVIT BOOM - 1000mm



- Davit boom 1000mm. Supplied with moveable Shuttle.

PRODUCT CODE: DAVIT_BOOM10		Weight:	12.5kg
Components	Description	Material	Qty
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1
DAVIT_SHUTTLE	Davit Boom Shuttle	Stainless Steel	1
DAVIT_BOOM10_WELD	1000mm Boom Weldment	Aluminium	1

## DAVIT BOOM - 1600mm



- Davit boom 1600mm. Supplied with moveable Shuttle.

PRODUCT CODE: DAVIT_BOOM16		Weight:	20.8kg
Components	Description	Material	Qty
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1
DAVIT_SHUTTLE	Davit Boom Shuttle	Stainless Steel	1
DAVIT_BOOM16_WELD	1600mm Boom Weldment	Aluminium	1

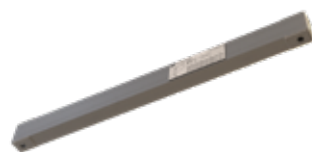
## DAVIT BOOM - 2200mm



- Davit boom 2200mm. Supplied with Shuttle.

PRODUCT CODE: DAVIT_BOOM22		Weight:	25.3kg
Components	Description	Material	Qty
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1
DAVIT_SHUTTLE	Davit Boom Shuttle	Stainless Steel	1
DAVIT_BOOM22_WELD	2200mm Boom Weldment	Aluminium	1

## DAVIT BRACE - 1000mm



- Davit rear brace for 1000mm Mast. Required only for Booms over 1000mm.

PRODUCT CODE: DAVIT_BRACE10		Weight:	1.8kg
Components	Description	Material	Qty
DAVIT_BRACE10	Brace: 1000mm	Aluminium	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT BRACE - 1600mm



- Davit rear brace for 1600mm Mast. Required only for Booms over 1000mm.

PRODUCT CODE: DAVIT_BRACE16		Weight:	3kg
Components	Description	Material	Qty
DAVIT_BRACE16	Brace: 1600mm	Aluminium	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT BRACE - 2200mm



- Davit rear brace for 2200mm Mast. Required only for Booms over 1000mm.

PRODUCT CODE: DAVIT_BRACE22		Weight:	4.2kg
Components	Description	Material	Qty
DAVIT_BRACE22	Brace: 2200mm	Aluminium	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1



# FAST/FIT DAVIT TEMPORARY ANCHOR PARTS

## DAVIT BRACE - 2800mm



- Davit rear brace for 2800mm Mast. Required only for Booms over 1000mm.

**PRODUCT CODE: DAVIT\_BRACE28**

**Weight: 4.2kg**

Components	Description	Material	Qty
DAVIT_BRACE28	Brace: 2800mm	Aluminium	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT MAST - 1000mm



- Davit mast 1000mm.
- Secondary anchor point included.

**PRODUCT CODE: DAVIT\_MAST10**

**Weight: 26.6kg**

Components	Description	Material	Qty
DAVIT_MAST10	1000mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT MAST - 1600mm



- Davit mast 1600mm.
- Secondary anchor point included.

**PRODUCT CODE: DAVIT\_MAST16**

**Weight: 28.1kg**

Components	Description	Material	Qty
DAVIT_MAST16	1600mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT MAST - 2200mm



- Davit mast 2200mm.
- Secondary anchor point included.

**PRODUCT CODE: DAVIT\_MAST22**

**Weight: 30kg**

Components	Description	Material	Qty
DAVIT_MAST22	2200mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

## DAVIT MAST - 2800mm



- Davit mast 2800mm.
- Secondary anchor point included.

**PRODUCT CODE: DAVIT\_MAST28**

**Weight: 33.5kg**

Components	Description	Material	Qty
DAVIT_MAST28	2800mm Mast	Aluminium/Stainless Steel/Gal Steel	1
DAVIT_BOOM.LABEL	Davit Boom Label	Adhesive Traffolyte	1

# FAST/FIT DAVIT ANCHOR BASES/FIXINGS

## DAVIT BASE - FIXED FLOOR MOUNT



- Davit Base to be secured with Anchor Rods, Cast-In Cage or Steel Fixings.

PRODUCT CODE: DAVIT_BASE01		Weight:	24.5kg
Components	Description	Material	Qty
DAVIT_BASE01_WELD	Davit Floor Mount Base Weldment	Galvanised Steel	1
DAVIT_BASE.SLEEVE	Davit Base Sleeve	PVC	1
DAVIT_BASE.LABEL	Davit Base Label	Adhesive Traffolyte	1

## DAVIT BASE - CONCEALED FIXED FLOOR MOUNT



- Davit Base to be secured with Anchor Rods, Cast-In Cage or Steel Fixings.
- Use with removable sleeve - DAVIT\_BASE02.02.
- One (1) base required for each abseil location.

PRODUCT CODE: DAVIT_BASE02.01		Weight:	15.7kg
Components	Description	Material	Qty
DAVIT_BASE02.01_WELD	Davit Fixed Base Weldment	Galvanised Steel	1
DAVIT_BASE.LABEL	Davit Base Label	Adhesive Traffolyte	1

## DAVIT BASE - REMOVABLE SLEEVE FLOOR MOUNT



- Davit removable floor mount base sleeve.
- Use with fixed base - DAVIT\_BASE02.01.
- One (1) base required for each davit arm.

PRODUCT CODE: DAVIT_BASE02.02		Weight:	16.3kg
Components	Description	Material	Qty
DAVIT_BASE02.027	Davit Removable Base Sleeve Roll Pin	Galvanised Steel	1
DAVIT_BASE02.026	Davit Removable Base Sleeve Spring	Galvanised Steel	1
DAVIT_BASE02.025	Davit Removable Base Sleeve Locking Pin	Galvanised Steel	1
DAVIT_BASE02.02_WELD	Davit Removable Base Sleeve Weldment	Galvanised Steel	1
DAVIT_BASE.SLEEVE	Davit Base Sleeve	PVC	1
DAVIT_BASE.LABEL	Davit Base Label	Adhesive Traffolyte	1

## DAVIT CAP



- Davit cap is used to cap off sleeve on davit base when not in use.

PRODUCT CODE: DAVIT_BASE.CAP		Weight:	1.66kg
Components	Description	Material	Qty
BOLT-M10X40MM-SS	Bolt, Hex, M10X40 SS316	316 Stainless Steel	1
DAVIT_BASE.CAP.03	Bottom Plate, Base Cap, Davits	316 Stainless Steel	1
DAVIT_BASE.CAP.02	EPDM Sponge Foam, Base Cap, Davits	EPDM	1
DAVIT_BASE.CAP.01	Top Plate, Base Cap, Davits	316 Stainless Steel	1

# FAST/FIT DAVIT ANCHOR BASES/FIXINGS

## DAVIT BASE - FIXED WALL MOUNT



- Davit Base to be secured to wall with Anchor Rods or Steel Fixings.
- Standard Concrete Install: suitable for DAVIT\_BOOM10 and DAVIT\_BOOM16.
- Standard Steel Install: suitable for DAVIT\_BOOM10, DAVIT\_BOOM16 and DAVIT\_BOOM22.

**PRODUCT CODE: DAVIT\_BASE04** **Weight: 34.7kg**

Components	Description	Material	Qty
DAVIT_BASE04.01	Davit Wall Mount Fixed Base	Galvanised Steel	1
DAVIT_BASE04.02	Davit Wall Mount Sleeve	PVC	1

## DAVIT BASE - CONCEALED FIXED WALL MOUNT



- Davit Base to be secured to wall with Anchor Rods or Steel Fixings, use with removable sleeve - DAVIT\_BASE04.02.
- One (1) base required for each abseil location.
- Standard Concrete Install: suitable for DAVIT\_BOOM10 and DAVIT\_BOOM16.
- Standard Steel Install: suitable for DAVIT\_BOOM10, DAVIT\_BOOM16 and DAVIT\_BOOM22.

**PRODUCT CODE: DAVIT\_BASE04.01** **Weight: 13.7kg**

Components	Description	Material	Qty
DAVIT_BASE04.01_WELD	Davit Wall Mount Fixed Base Weldment	Galvanised Steel	1
DAVIT_BASE.LABEL	Davit Base Label	Adhesive Traffolyte	1

## DAVIT BASE - REMOVABLE SLEEVE WALL MOUNTED



- Davit removable wall mount base sleeve.
- Use with fixed base - DAVIT\_BASE04.01.
- One (1) base required for each davit arm.
- Standard Concrete Install: suitable for DAVIT\_BOOM10 and DAVIT\_BOOM16.
- Standard Steel Install: suitable for DAVIT\_BOOM10, DAVIT\_BOOM16 and DAVIT\_BOOM22.

**PRODUCT CODE: DAVIT\_BASE04.02** **Weight: 21.04kg**

Components	Description	Material	Qty
DAVIT_BASE04.02_WELD	Davit Removable Base Sleeve Weldment	Galvanised Steel	1
DAVIT_BASE02.025	Davit Removable Base Sleeve Locking Pin	Galvanised Steel	1
DAVIT_BASE.SLEEVE	Davit Base Sleeve	PVC	1
DAVIT_BASE.LABEL	Davit Base Label	Adhesive Traffolyte	1

## DAVIT SLEEVE



- Davit sleeve, used inside davit bases.

**PRODUCT CODE: DAVIT\_BASE.SLEEVE** **Weight: 0.5kg**

Components	Description	Material	Qty
DAVIT_BASE.SLEEVE	Davit Base Sleeve	PVC	1

# FASTFIT DAVIT ANCHOR BASES/FIXINGS

## DAVIT BASE - FLOOR MOUNTED RAISED 400MM



- Raised floor mounted base kit: 400mm.
- Davit Base to be secured with Anchor Rods or Cast-In Cage.

PRODUCT CODE: DAVIT_BASE07.400		Weight: 41.2kg	
Components	Description	Material	Qty
DAVIT_BASE07.400_WELD	Davit Floor Mount Base Weldment 400mm	316SS	1
DAVIT_BASE.SLEEVE.02	Davit Raised Floor Mount Base Sleeve	PVC	1
DAVIT_BASE.CAP	Davit Base Cap	316SS	2

## DAVIT BASE - FLOOR MOUNTED RAISED 600MM



- Raised floor mounted base kit: 600mm.
- Davit Base to be secured with Anchor Rods or Cast-In Cage.

PRODUCT CODE: DAVIT_BASE07.600		Weight: 46.7kg	
Components	Description	Material	Qty
DAVIT_BASE07.600_WELD	Davit Floor Mount Base Weldment 600mm	316SS	1
DAVIT_BASE.SLEEVE.02	Davit Raised Floor Mount Base Sleeve	PVC	1
DAVIT_BASE.CAP	Davit Base Cap	316SS	2

## DAVIT BASE - FLOOR MOUNTED RAISED 800MM



- Raised floor mounted base kit: 800mm.
- Davit Base to be secured with Anchor Rods or Cast-In Cage.

PRODUCT CODE: DAVIT_BASE07.800		Weight: 52.3kg	
Components	Description	Material	Qty
DAVIT_BASE07.800_WELD	Davit Floor Mount Base Weldment 800mm	316SS	1
DAVIT_BASE.SLEEVE.02	Davit Raised Floor Mount Base Sleeve	PVC	1
DAVIT_BASE.CAP	Davit Base Cap	316SS	2

## DAVIT BASE - FLOOR MOUNTED RAISED 1000MM



- Raise floor mounted base kit: 1000mm.
- Davit Base to be secured with Anchor Rods or Cast-In Cage.

PRODUCT CODE: DAVIT_BASE07.1000		Weight: 57.8kg	
Components	Description	Material	Qty
DAVIT_BASE07.1000_WELD	Davit Floor Mount Base Weldment 1000mm	316SS	1
DAVIT_BASE.SLEEVE.02	Davit Raised Floor Mount Base Sleeve	PVC	1
DAVIT_BASE.CAP	Davit Base Cap	316SS	2

## DAVIT SHUTTLE

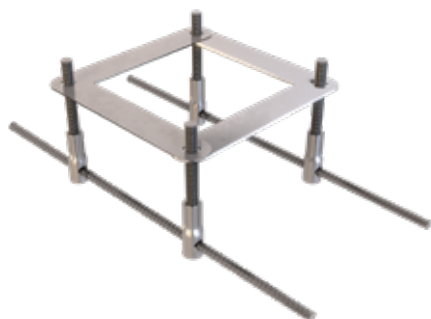


- Davit moveable shuttle.
- Weight: 2.95kg

PRODUCT CODE: DAVIT_SHUTTLE		Weight: 2.95kg	
Components	Description	Material	Qty
DAVIT_SHUTTLE	Davit Shuttle	Stainless Steel	1

# FASTFIT DAVIT ANCHOR BASES/FIXINGS

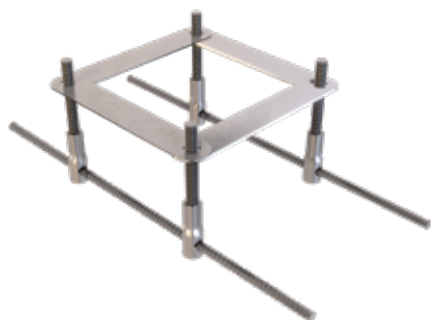
## DAVIT FIXING - CAST IN CONCRETE (Mild Steel)



- Concrete Cast-In Cage for installation prior to pouring concrete.
- Galvanised Anchor Studs.

PRODUCT CODE: DAVIT_BASE05			Weight:	2.14kg
Components	Description	Material	Qty	
DAVIT_BASE05.01	Stud, Cast In Cage, Davits	Mild Steel	4	
DAVIT_BASE05.02	Casting Jig, Cast In Cage, Davits	Mild Steel	2	
CON-CAST.02	12mm Reo Bar 6m, Length 595mm	Mild Steel	2	
WASHER M16_Spring_Gal	Spring Washer: M16 Gal	Mild Steel	4	
WASHER M16-8.8	Washer: M16 Structural HDG	Mild Steel	4	
NUT M16-8.8	Nut: M16 Structural HDG	Mild Steel	8	

## DAVIT FIXING - CAST IN CONCRETE (316 Stainless Steel)



- Concrete Cast-In Cage for installation prior to pouring concrete.
- 316 Stainless Steel Anchor Studs.

PRODUCT CODE: DAVIT_BASE05-SS			Weight:	4.07kg
Components	Description	Material	Qty	
DAVIT_BASE05-SS.01	Stud, Cast In Cage, Davits	316SS	4	
DAVIT_BASE05.02	Casting Jig, Cast In Cage, Davits	316SS	2	
CON-CAST.02	12mm Reo Bar 6m, Length 595mm	316SS	2	
WASHER M16_Spring_316	Spring Washer: M16	316SS	4	
WASHER M16_316SS	Washer: M16	316SS	4	
NUT M16_316SS	Nut: M16	316SS	8	

## DAVIT FIXING - RETRO CONCRETE



- Concrete Anchor Rod for fixing Davit to concrete structures.

PRODUCT CODE: CON-M16X200-DONUT			Weight:	0.27kg
Components	Description	Material	Qty	
ROD-M16x200mm	Anchor Rod M16X200 (45 degree cut)	316SS	1	
NUT M16_316	M16 Nut	316SS	1	
WASHER M16_Spring_316	M16 Spring Washer	316SS	1	
WASHER M16_DONUT	M16 Donut Washer	316SS	1	
WASHER M16_NYLON	M16 Nylon Washer (Black)	Nylon	1	

## DAVIT FIXING - RETRO CONCRETE (REMOVABLE)



- Concrete Anchor Insert for fixing Davit to concrete structures.

PRODUCT CODE: CONCL013			Weight:	0.57kg
Components	Description	Material	Qty	
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1	
CON-INSERT-125	ConcreteLink Insert: M16 ID x 125mm	316SS	1	
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1	
WASHER M16_SHOULDER_NYLON	Washer: M16 Shoulder	Nylon	1	
CONCL006	Brass Bolt for Concrete Insert	Brass	1	
WASHER M16_Spring_316	Washer: M16 Spring	316SS	1	
WASHER M16_NYLON	M16 Nylon Washer (Black)	Nylon	1	

# 'Innovative Fall Protection'

*SafetyLink's horizontal lifeline systems make traversing along our lifelines simple and easy, eliminating the need to disconnect from the line, our intermediate and corners are designed so our innovative shuttles can glide freely.*



CONCRETE DONUTLINK VIDEO



FROGLINE IN USE VIDEO



## LIFELINES

The FrogLine Lifeline's low profile design combines effortless energy absorbing capabilities into every end, intermediate and corner anchor, consequently incorporating the line energy absorbers into the system. This inventive approach ensures our FrogLine Lifeline Systems are always installed with the maximum energy absorption possible regardless of the horizontal line length.

- Patented low profile design.
- Fast simplified installation.
- Advanced shock absorbing serpentine.
- Innovative built in fall indicators.
- Solid 316 stainless steel components.
- Quick connect shuttle.
- Smooth continuous transition over intermediates.



# Lifelines

## SafetyLink will provide you with the following:

- Supply a large range of anchors points and lifelines that protect workers from the ground up.
- All products tested and manufactured to current Standards.
- Access to online training modules 24/7.
- Supply of installation guides and product data sheets.
- Assisted system design, layout and advice.
- Extensive technical support with collectively over 100 years of experience in the height safety industry.

## Benefits of choosing SafetyLink:

Innovation and attention to detail is always foremost in our minds when designing new products. The FrogLine Lifeline demonstrates this with its intricate tab features. These tabs provide stability whilst the line is in tension, in addition to this they act as a fall indicator when removed from their initial position.

The FrogLine's curved profile, while smart in its simplicity provides the initial shock absorbing capabilities in the event of a fall. Further extension is provided in the serpentine shapes which progressively dissipate and absorb the energy whilst retaining their strength. This duality of function is why the FrogLine design surpasses all its competitors in the field.



# DONUTLINK CONCRETE MOUNTED FROGLINE

- Permanent horizontal height safety lifeline system, designed to be mounted into concrete structure.
- Concrete Rod must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- DonutLink washer installed as part of the FrogLine Concrete Lifeline allows pull testing to be completed without the need of additional eyebolt or removing any components from the system. Refer to Appendix 2 for pull testing.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

**DonutLink: M16 316SS Adapter to be used with Hydrajaws Tester to pull test DonutLink Washer on Concrete FrogLine Lifeline.**



Chemical Adhesive Data Sheet



Installation Manual



DonutLink FrogLine Video

## DONUTLINK CONCRETE MOUNTED FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCAR002	FrogLine DonutLink Concrete End Anchor	0.965
STAT.FROGCAR001	FrogLine DonutLink Concrete Intermediate Anchor	0.961
STAT.FROGCAR008	FrogLine DonutLink Concrete Intermediate Extended Anchor	1.096
STAT.FROGCAR003	FrogLine DonutLink Concrete Corner Anchor	1.114

## Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168
DONUTLINK-ADP	DonutLink: M16 316SS Adapter	166







### DonutLink Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR002**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR001**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR008**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

### DonutLink Concrete Mounted CORNER Anchor



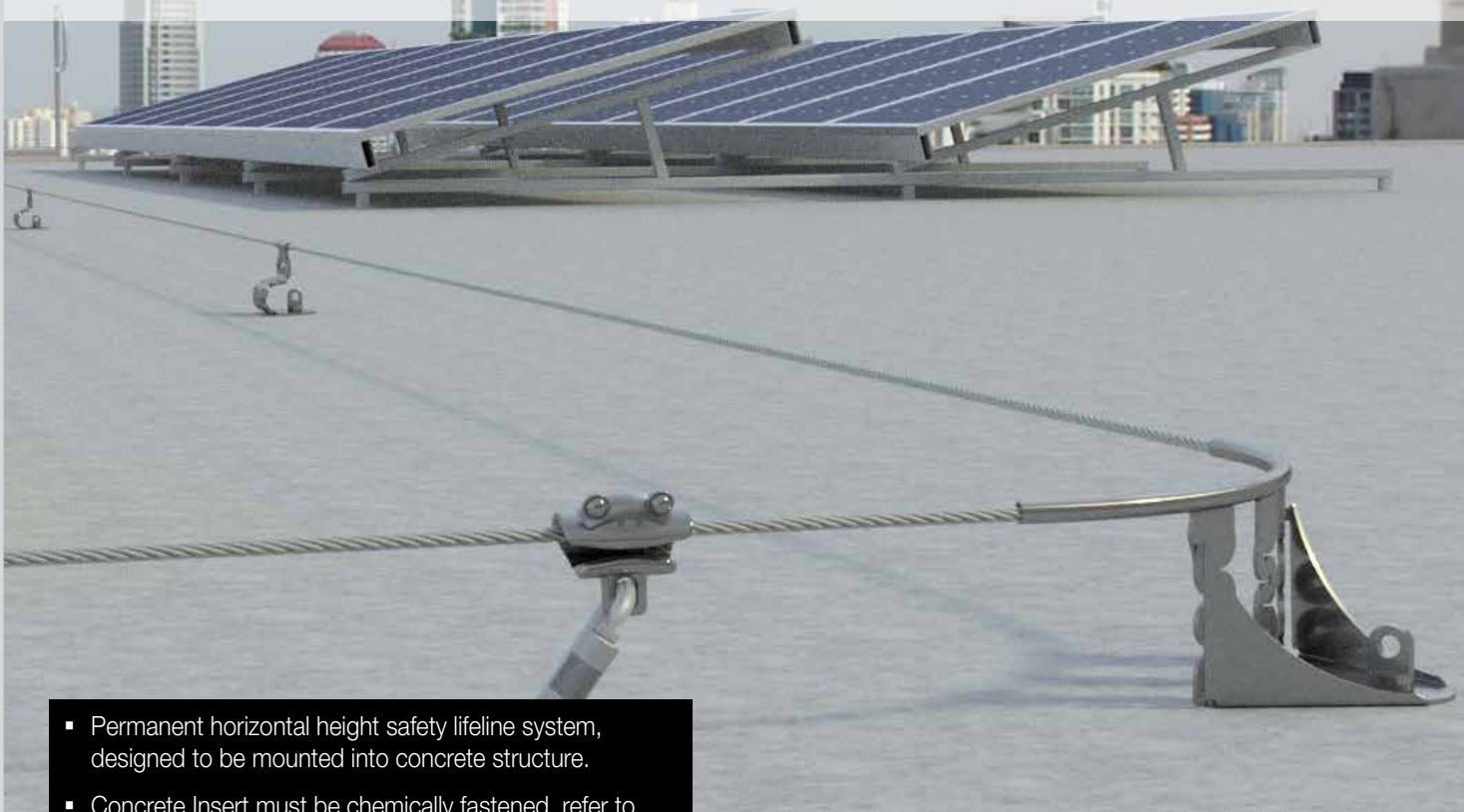
Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR003**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

# CONCRETE MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted into concrete structure.
- Concrete Insert must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- FrogLine Bolts installed as part of the FrogLine Concrete Lifeline allows easy proof load testing to be completed without the need to remove any components from the system. Refer to Appendix 2 for pull testing.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive Data Sheet



Installation Manual

### CONCRETE MOUNTED FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCON002	FrogLine Concrete End Anchor	1.023
STAT.FROGCON001	FrogLine Concrete Intermediate Anchor	1.019
STAT.FROGCON008	FrogLine Concrete Intermediate Extended Anchor	1.154
STAT.FROGCON003	FrogLine Concrete Corner Anchor	1.172

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168





### Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON002**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON001**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted EXTENDED INTERMEDIATE Anchor



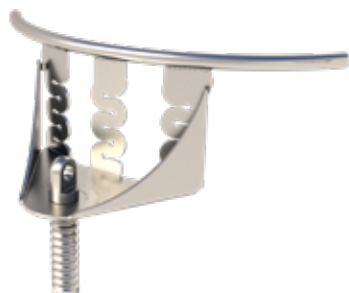
Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON008**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

### Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON003**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 90mm	316SS	1

# CONCRETE TUFF-POST FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive Data Sheet



Installation Manual

- TUFF-POST is designed to raise the height of a height safety system using either 150mm, 300mm, 600mm or 900mm TUFF-POST'S.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- Anchor Rod must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- Refer to Appendix 2 for pull testing.
- The TUFF-POST when installed with a lifeline is used with SafetyLink's energy absorbing FrogLine Lifeline. The FrogLine Lifeline has advanced shock absorbing serpentines designed into each anchor with innovative built-in fall indicators. Therefore reducing the load on the structure and the person in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.





### CONCRETE TUFF-POST FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGTUFF002C-150R	FrogLine TUFF-POST Concrete Mounted End Anchor - 150mm	4.109
STAT.FROGTUFF001C-150R	FrogLine TUFF-POST Concrete Mounted Intermediate Anchor - 150mm	4.105
STAT.FROGTUFF008C-150R	FrogLine TUFF-POST Concrete Mounted Intermediate Extended Anchor - 150mm	4.240
STAT.FROGTUFF003C-150R	FrogLine TUFF-POST Concrete Mounted Corner Anchor - 150mm	4.258
STAT.FROGTUFF002C-300R	FrogLine TUFF-POST Concrete Mounted End Anchor - 300mm	7.623
STAT.FROGTUFF001C-300R	FrogLine TUFF-POST Concrete Mounted Intermediate Anchor - 300mm	7.619
STAT.FROGTUFF008C-300R	FrogLine TUFF-POST Concrete Mounted Intermediate Extended Anchor - 300mm	7.754
STAT.FROGTUFF003C-300R	FrogLine TUFF-POST Concrete Mounted Corner Anchor - 300mm	7.772
STAT.FROGTUFF002C-600R	FrogLine TUFF-POST Concrete Mounted End Anchor - 600mm	8.423
STAT.FROGTUFF001C-600R	FrogLine TUFF-POST Concrete Mounted Intermediate Anchor - 600mm	8.419
STAT.FROGTUFF008C-600R	FrogLine TUFF-POST Concrete Mounted Intermediate Extended Anchor - 600mm	8.554
STAT.FROGTUFF003C-600R	FrogLine TUFF-POST Concrete Mounted Corner Anchor - 600mm	8.572
STAT.FROGTUFF002C-900R	FrogLine TUFF-POST Concrete Mounted End Anchor - 900mm	12.423
STAT.FROGTUFF001C-900R	FrogLine TUFF-POST Concrete Mounted Intermediate Anchor - 900mm	12.419
STAT.FROGTUFF008C-900R	FrogLine TUFF-POST Concrete Mounted Intermediate Extended Anchor - 900mm	12.554
STAT.FROGTUFF003C-900R	FrogLine TUFF-POST Concrete Mounted Corner Anchor - 900mm	12.572

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168
DONUTLINK-ADP	DonutLink: M16 316SS Adapter	166



### TUFF-POST Raised 150mm Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill 2x 14mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF002C-150R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12x160, Spring Washer, Nut, Washer	316SS	2

### TUFF-POST Raised 150mm Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill 2x 14mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF001C-150R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12x160, Spring Washer, Nut, Washer	316SS	2

### TUFF-POST Raised 150mm Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill 2x 14mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF008C-150R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12x160, Spring Washer, Nut, Washer	316SS	2

### TUFF-POST Raised 150mm Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill 2x 14mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF003C-150R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-M12x160	Anchor Rod M12x160, Spring Washer, Nut, Washer	316SS	2



### TUFF-POST Raised 300mm Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF002C-300R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 300mm Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF001C-300R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 300mm Concrete Mounted EXTENDED INTERMEDIATE Anchor



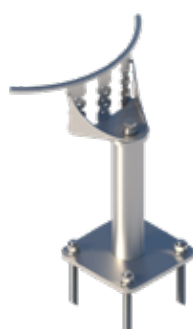
Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF008C-300R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 300mm Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF003C-300R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4



### TUFF-POST Raised 600mm Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF002C-600R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 600mm Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF001C-600R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 600mm Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF008C-600R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 600mm Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF003C-600R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4





### TUFF-POST Raised 900mm Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF002C-900R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 900mm Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF001C-900R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 900mm Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF008C-900R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

### TUFF-POST Raised 900mm Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Drill 4x 18mm holes to depth of 120mm, minimum embedment 115mm into concrete.
- Chemically anchored, allow 35mm anchor rod above slab finishing.

**PRODUCT CODE: STAT.FROGTUFF003C-900R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-M16x160	Anchor Rod M16x160, Spring Washer, Nut, Washer	316SS	4

# CONCRETE CAST-IN TUFF-POST FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



SCAN ME

Installation Manual

- TUFF-POST is designed to raise the height of a height safety system using either 150mm, 300mm, 600mm or 900mm TUFF-POST'S.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- Designed to be Cast-In to concrete prior to construction.
- The TUFF-POST when installed with a lifeline is used with SafetyLink's energy absorbing FrogLine Lifeline. The FrogLine Lifeline has advanced shock absorbing serpentine designed into each anchor with innovative built-in fall indicators. Therefore reducing the load on the structure and the person in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.





**CONCRETE CAST-IN TUFF-POST FROGLINE LIFELINE**

Product Code	Description	Weight (kg)
STAT.FROGTUFF002CAST-150R	FrogLine TUFF-POST Concrete Cast-In End Anchor - 150mm	14.437
STAT.FROGTUFF001CAST-150R	FrogLine TUFF-POST Concrete Cast-In Intermediate Anchor - 150mm	14.441
STAT.FROGTUFF008CAST-150R	FrogLine TUFF-POST Concrete Cast-In Intermediate Extended Anchor - 150mm	14.590
STAT.FROGTUFF003CAST-150R	FrogLine TUFF-POST Concrete Cast-In Corner Anchor - 150mm	14.572
STAT.FROGTUFF002CAST-300R	FrogLine TUFF-POST Concrete Cast-In End Anchor - 300mm	15.687
STAT.FROGTUFF001CAST-300R	FrogLine TUFF-POST Concrete Cast-In Intermediate Anchor - 300mm	15.692
STAT.FROGTUFF008CAST-300R	FrogLine TUFF-POST Concrete Cast-In Intermediate Extended Anchor - 300mm	15.840
STAT.FROGTUFF003CAST-300R	FrogLine TUFF-POST Concrete Cast-In Corner Anchor - 300mm	15.822
STAT.FROGTUFF002CAST-600R	FrogLine TUFF-POST Concrete Cast-In End Anchor - 600mm	16.487
STAT.FROGTUFF001CAST-600R	FrogLine TUFF-POST Concrete Cast-In Intermediate Anchor - 600mm	16.491
STAT.FROGTUFF008CAST-600R	FrogLine TUFF-POST Concrete Cast-In Intermediate Extended Anchor - 600mm	16.640
STAT.FROGTUFF003CAST-600R	FrogLine TUFF-POST Concrete Cast-In Corner Anchor - 600mm	16.662
STAT.FROGTUFF002CAST-900R	FrogLine TUFF-POST Concrete Cast-In End Anchor - 900mm	20.487
STAT.FROGTUFF001CAST-900R	FrogLine TUFF-POST Concrete Cast-In Intermediate Anchor - 900mm	20.491
STAT.FROGTUFF008CAST-900R	FrogLine TUFF-POST Concrete Cast-In Intermediate Extended Anchor - 900mm	20.640
STAT.FROGTUFF003CAST-900R	FrogLine TUFF-POST Concrete Cast-In Corner Anchor - 900mm	20.622

**Accessories Required for Complete Lifeline**

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119



### TUFF-POST Raised 150mm CAST-IN Concrete Mounted END Anchor

End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Designed to be Cast-In to concrete prior to construction.



**PRODUCT CODE: STAT.FROGTUFF002CAST-150R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1

### TUFF-POST Raised 150mm CAST-IN Concrete Mounted INTERMEDIATE Anchor

Intermediate anchor is designed to limit lifeline span distances.

- Designed to be Cast-In to concrete prior to construction.



**PRODUCT CODE: STAT.FROGTUFF001CAST-150R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1

### TUFF-POST Raised 150mm CAST-IN Concrete EXTENDED INTERMEDIATE Anchor

Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Designed to be Cast-In to concrete prior to construction.



**PRODUCT CODE: STAT.FROGTUFF008CAST-150R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1

### TUFF-POST Raised 150mm CAST-IN Concrete Mounted CORNER Anchor

Corner anchor is designed to redirect cable by up to 90 degrees.

- Designed to be Cast-In to concrete prior to construction.



**PRODUCT CODE: STAT.FROGTUFF003CAST-150R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
CON-CAST-TP150R_SS	Cast in Cage for 150mm Round Tuff Post	316SS	1



### TUFF-POST Raised 300mm CAST-IN Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Designed to be Cast-In to concrete prior to construction.

#### PRODUCT CODE: STAT.FROGTUFF002CAST-300R

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 300mm CAST-IN Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Designed to be Cast-In to concrete prior to construction.

#### PRODUCT CODE: STAT.FROGTUFF001CAST-300R

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 300mm CAST-IN Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Designed to be Cast-In to concrete prior to construction.

#### PRODUCT CODE: STAT.FROGTUFF008CAST-300R

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 300mm CAST-IN Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Designed to be Cast-In to concrete prior to construction.

#### PRODUCT CODE: STAT.FROGTUFF003CAST-300R

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1



### TUFF-POST Raised 600mm CAST-IN Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF002CAST-600R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 600mm CAST-IN Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF001CAST-600R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 600mm CAST-IN Concrete EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF008CAST-600R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 600mm CAST-IN Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF003CAST-600R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1



### TUFF-POST Raised 900mm CAST-IN Concrete Mounted END Anchor



End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF002CAST-900R**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 900mm CAST-IN Concrete Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF001CAST-900R**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 900mm CAST-IN Concrete Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF008CAST-900R**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

### TUFF-POST Raised 900mm CAST-IN Concrete Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees.

- Designed to be Cast-In to concrete prior to construction.

**PRODUCT CODE: STAT.FROGTUFF003CAST-900R**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Flat Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
CON-CAST-TP300R_SS	Cast in Cage for 300/600/900mm Round Tuff Post	316SS	1

# PURLIN MOUNTED RETRO FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted onto metal purlins through various metal roof sheeting profiles.
- For extra height install with Extension Piece.
- Suits pitches no greater than 25° across and 15° up the roof on a multitude of roof profiles.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### PURLIN MOUNTED RETRO FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGRE002	FrogLine RetroLink End Anchor	0.991
STAT.FROGRE001	FrogLine RetroLink Intermediate Anchor	0.987
STAT.FROGRE008	FrogLine RetroLink Intermediate Extended Anchor	1.122
STAT.FROGRE003	FrogLine RetroLink Corner Anchor	1.140
<i>Extensions are used when extra height is required - lengths available 35mm, 55mm and 90mm</i>		
STAT.FROGRE002_EXT	FrogLine RetroLink End Anchor with 35mm Extension	1.798
STAT.FROGRE001_EXT	FrogLine RetroLink Intermediate Anchor with 35mm Extension	1.794
STAT.FROGRE008_EXT	FrogLine RetroLink Intermediate Extended Anchor with 35mm Extension	1.929
STAT.FROGRE003_EXT	FrogLine RetroLink Corner Anchor with 35mm Extension	1.947

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119





## Retro END Anchor



End anchor is designed to be mounted into steel purlin with various metal roof profiles as attachment points for the cable to start and terminate at.

- Drill a 25mm hole.

### PRODUCT CODE: STAT.FROGRET002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 x 90mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
O-RING	O-Ring	Rubber	1
WASHER 700D-Foam	Foam Washer: 700D	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

## Retro INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into steel purlin with various metal roof profiles, to limit lifeline span distances.

- Drill a 25mm hole.

### PRODUCT CODE: STAT.FROGRET001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 x 90mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
O-RING	O-Ring	Rubber	1
WASHER 700D-Foam	Foam Washer: 700D	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

## Retro EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor with longer tube to enable bending to suit small degree changes in the line. Designed to be mounted into steel purlin with various metal roof profiles.

- Drill a 25mm hole.

### PRODUCT CODE: STAT.FROGRET008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 x 90mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
O-RING	O-Ring	Rubber	1
WASHER 700D-Foam	Foam Washer: 700D	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

## Retro CORNER Anchor



Corner anchor is designed to be mounted into steel purlin with various metal roof profiles. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.

- Drill a 25mm hole.

### PRODUCT CODE: STAT.FROGRET003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x90mm-SS	Bolt: M16 x 90mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
O-RING	O-Ring	Rubber	1
WASHER 700D-Foam	Foam Washer: 700D	Foam	1
RETRO-TUBE	Retro Tube with Tie	316SS	1

# STEEL TUFF-POST FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

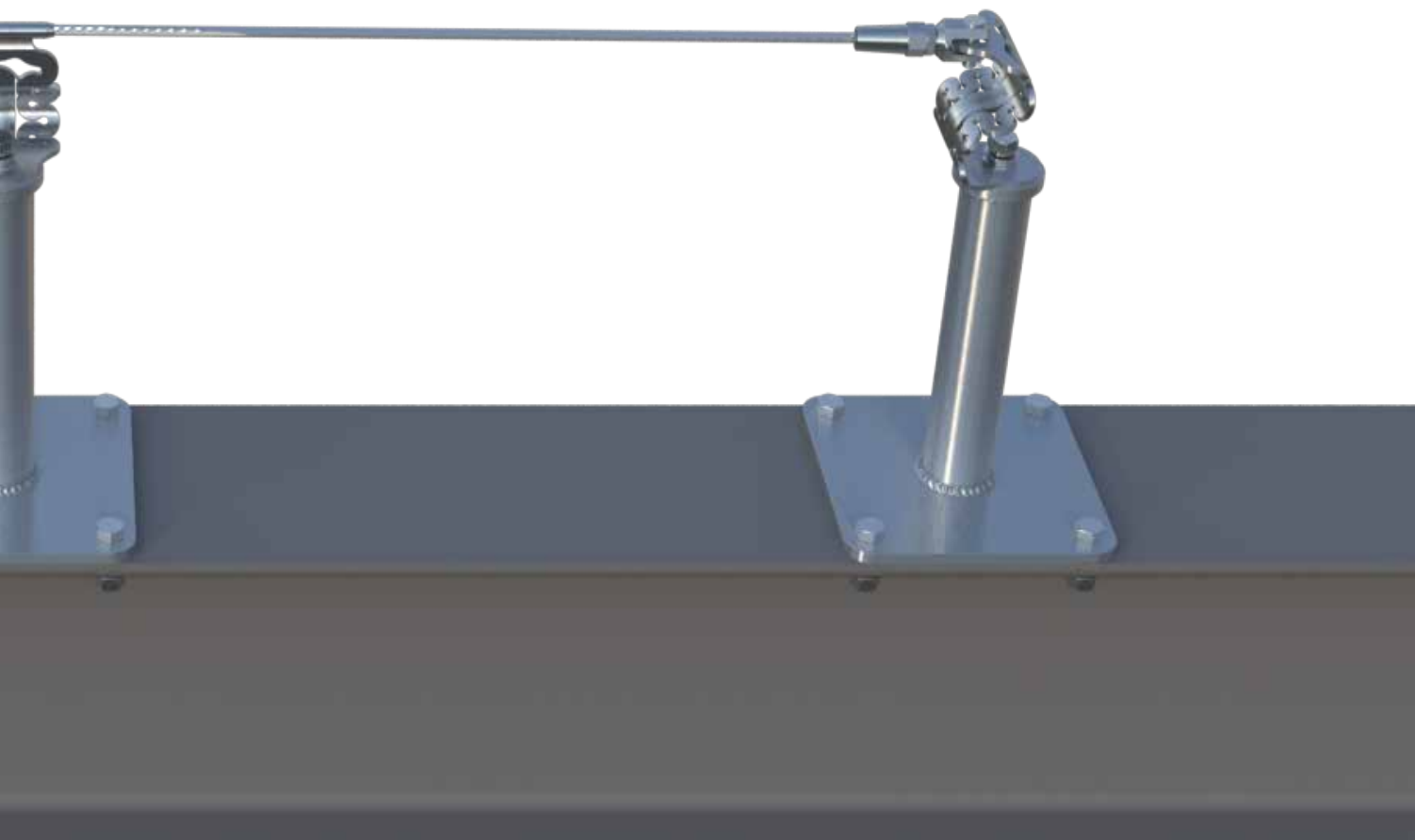
The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- TUFF-POST is designed to raise the height of a height safety system using either a 150mm, 300mm, 600mm or 900mm TUFF-POST'S.
- TUFF-POST is a sealed unit made entirely from stainless steel. Designed to be submerged into garden beds, water and other mediums.
- The TUFF-POST when installed with a lifeline is used with SafetyLink's energy absorbing FrogLine Lifeline. The FrogLine Lifeline has advanced shock absorbing serpentine designed into each anchor with innovative built-in fall indicators. Therefore reducing the load on the structure and the person in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.



Installation  
Manual





#### STEEL MOUNTED TUFF-POST FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGTUFF002S-150R	FrogLine TUFF-POST Steel Mounted End Anchor - 150mm	3.964
STAT.FROGTUFF001S-150R	FrogLine TUFF-POST Steel Mounted Intermediate Anchor - 150mm	3.960
STAT.FROGTUFF008S-150R	FrogLine TUFF-POST Steel Mounted Intermediate Extended Anchor - 150mm	4.095
STAT.FROGTUFF003S-150R	FrogLine TUFF-POST Steel Mounted Corner Anchor - 150mm	4.113
STAT.FROGTUFF002S-300R	FrogLine TUFF-POST Steel Mounted End Anchor - 300mm	7.204
STAT.FROGTUFF001S-300R	FrogLine TUFF-POST Steel Mounted Intermediate Anchor - 300mm	7.200
STAT.FROGTUFF008S-300R	FrogLine TUFF-POST Steel Mounted Intermediate Extended Anchor - 300mm	7.335
STAT.FROGTUFF003S-300R	FrogLine TUFF-POST Steel Mounted Corner Anchor - 300mm	7.353
STAT.FROGTUFF002S-600R	FrogLine TUFF-POST Steel Mounted End Anchor - 600mm	8.004
STAT.FROGTUFF001S-600R	FrogLine TUFF-POST Steel Mounted Intermediate Anchor - 600mm	8.000
STAT.FROGTUFF008S-600R	FrogLine TUFF-POST Steel Mounted Intermediate Extended Anchor - 600mm	8.135
STAT.FROGTUFF003S-600R	FrogLine TUFF-POST Steel Mounted Corner Anchor - 600mm	8.153
STAT.FROGTUFF002S-900R	FrogLine TUFF-POST Steel Mounted End Anchor - 900mm	12.004
STAT.FROGTUFF001S-900R	FrogLine TUFF-POST Steel Mounted Intermediate Anchor - 900mm	12.000
STAT.FROGTUFF008S-900R	FrogLine TUFF-POST Steel Mounted Intermediate Extended Anchor - 900mm	12.135
STAT.FROGTUFF003S-900R	FrogLine TUFF-POST Steel Mounted Corner Anchor - 900mm	12.153

#### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

## TUFF-POST Raised 150mm Steel Mounted END Anchor



End anchor is designed to be mounted onto steel structure as attachment points for the cable to start and terminate at.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

### PRODUCT CODE: STAT.FROGTUFF002S-150R

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_SPRING_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

## TUFF-POST Raised 150mm Steel Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances on steel structures.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

### PRODUCT CODE: STAT.FROGTUFF001S-150R

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_SPRING_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

## TUFF-POST Raised 150mm Steel Mounted EXTENDED INTERMEDIATE Anchor



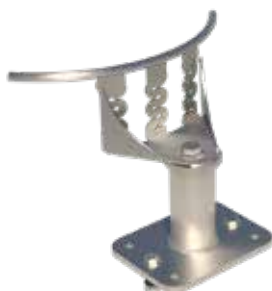
Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line on steel structures.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

### PRODUCT CODE: STAT.FROGTUFF008S-150R

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_SPRING_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

## TUFF-POST Raised 150mm Steel Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees on steel structures.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

### PRODUCT CODE: STAT.FROGTUFF003S-150R

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 150mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M12x50mm Set Screw (Length to be confirmed)	316SS	2
WASHER M12_316	Washer: M12	316SS	2
WASHER M12_SPRING_316	Spring Washer: M12	316SS	2
NUT M12_316	Nut: M12	316SS	2

## TUFF-POST Raised 300mm Steel Mounted END Anchor



End anchor is designed to be mounted onto steel structure as attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF002S-300R

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
SWASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 300mm Steel Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF001S-300R

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 300mm Steel Mounted EXTENDED INTERMEDIATE Anchor



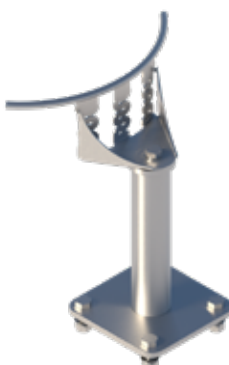
Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF008S-300R

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 300mm Steel Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF003S-300R

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 600mm Steel Mounted END Anchor



End anchor is designed to be mounted onto steel structure as attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF002S-600R

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 600mm Steel Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF001S-600R

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 600mm Steel Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF008S-600R

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 600mm Steel Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF003S-600R

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 600mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 900mm Steel Mounted END Anchor



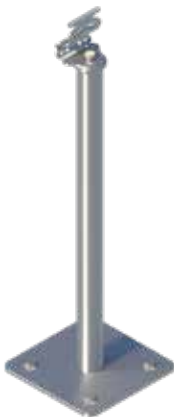
End anchor is designed to be mounted onto steel structure as attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF002S-900R

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 900mm Steel Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to limit lifeline span distances on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF001S-900R

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 900mm Steel Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF008S-900R

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

## TUFF-POST Raised 900mm Steel Mounted CORNER Anchor



Corner anchor is designed to redirect cable by up to 90 degrees on steel structures.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

### PRODUCT CODE: STAT.FROGTUFF003S-900R

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

# STEEL MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted into steel construction.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



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Installation Manual

### STEEL MOUNTED FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGSTE002	FrogLine Steel Mounted End Anchor	0.841
STAT.FROGSTE001	FrogLine Steel Mounted Intermediate Anchor	0.837
STAT.FROGSTE008	FrogLine Steel Mounted Intermediate Extended Anchor	0.972
STAT.FROGSTE003	FrogLine Steel Mounted Corner Anchor	0.990

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119





## Steel Mounted END Anchor



End anchor is designed to be mounted into steel structures as attachment points for the cable to start and terminate at.

- Drill a 16mm hole.

### PRODUCT CODE: STAT.FROGSTE002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Steel Mounted INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into steel structures to limit lifeline span distances.

- Drill a 16mm hole.

### PRODUCT CODE: STAT.FROGSTE001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Steel Mounted EXTENDED INTERMEDIATE Anchor



Extended Intermediate anchor is designed to be mounted into steel structures to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill a 16mm hole.

### PRODUCT CODE: STAT.FROGSTE008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Steel Mounted CORNER Anchor



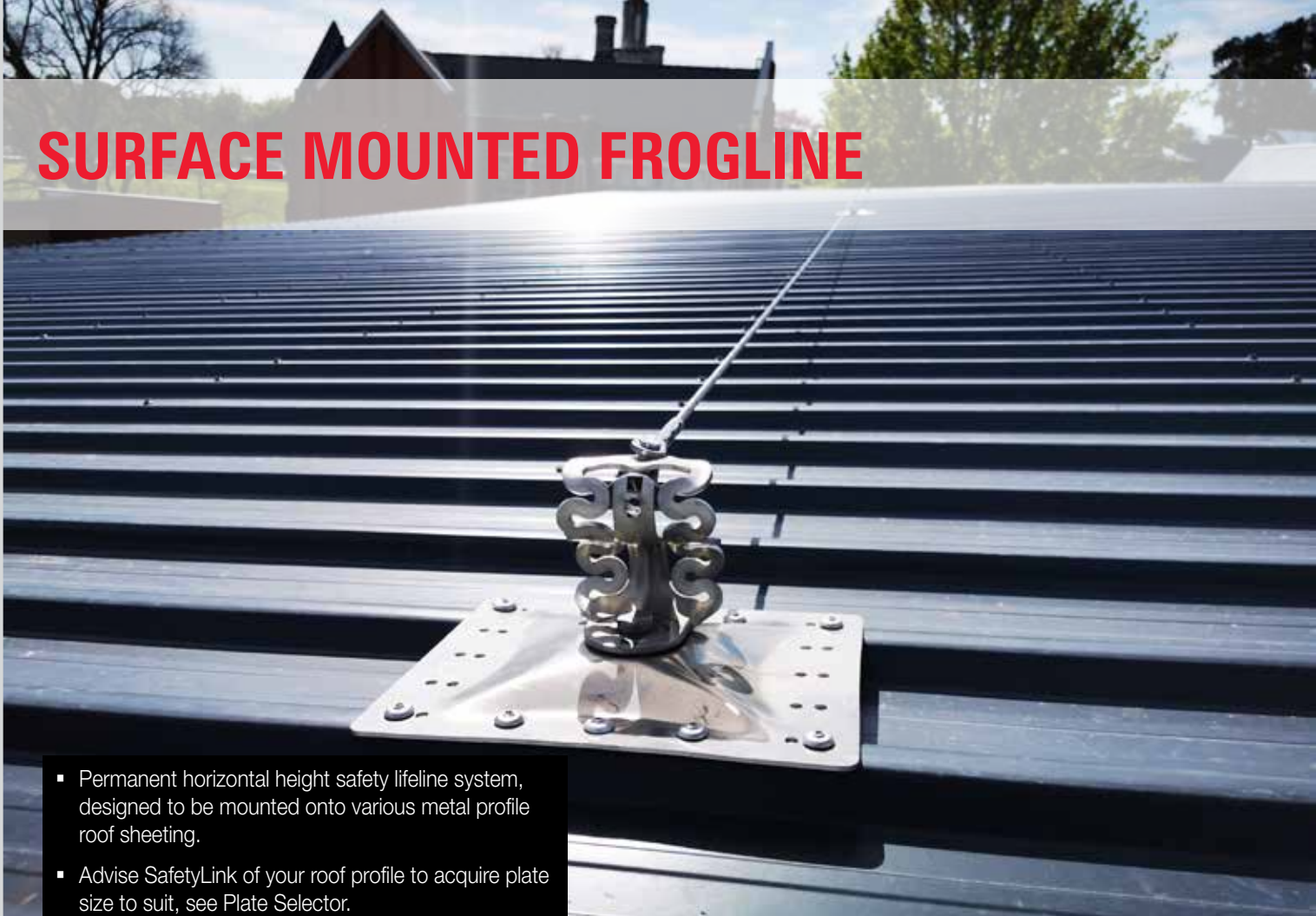
Corner anchor is designed to be mounted into steel structures. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.

- Drill a 16mm hole.

### PRODUCT CODE: STAT.FROGSTE003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

# SURFACE MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted onto various metal profile roof sheeting.
- Advise SafetyLink of your roof profile to acquire plate size to suit, see Plate Selector.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



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Installation Manual

### SURFACE MOUNTED FROGLINE LIFELINE (ALUMINIUM PLATES)

Product Code	Description	Weight (kg)
STAT.FROGSAL002	FrogLine Surface Mounted End Anchor (Marine Grade Aluminium Plate)	1.468
STAT.FROGSAL002+Fixings	FrogLine Surface Mounted End Anchor (Marine Grade Aluminium Plate) + Fixings	1.568
STAT.FROGSAL001	FrogLine Surface Mounted Intermediate Anchor (Marine Grade Aluminium Plate)	1.464
STAT.FROGSAL001+Fixings	FrogLine Surface Mounted Intermediate Anchor (Marine Grade Aluminium Plate) + Fixings	1.564
STAT.FROGSAL008	FrogLine Surface Mounted Intermediate Extended Anchor (Marine Grade Aluminium Plate)	1.599
STAT.FROGSAL008+Fixings	FrogLine Surface Mounted Intermediate Extended Anchor (Marine Grade Aluminium Plate) + Fixings	1.699
STAT.FROGSAL003	FrogLine Surface Mounted Corner Anchor (Marine Grade Aluminium Plate)	1.617
STAT.FROGSAL003+Fixings	FrogLine Surface Mounted Corner Anchor (Marine Grade Aluminium Plate) + Fixings	1.717

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel



## Surface Mounted END Anchor (Aluminium Plate)

End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.



### PRODUCT CODE: STAT.FROGSAL002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-305-H	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

## Surface Mounted INTERMEDIATE Anchor (Aluminium Plate)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.

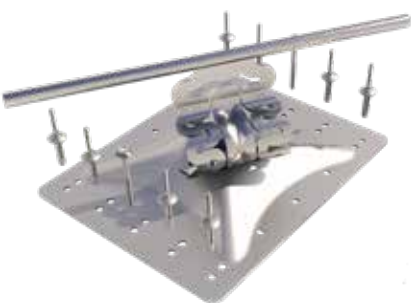


### PRODUCT CODE: STAT.FROGSAL001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-305-H	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

## Surface Mounted INTERMEDIATE EXTENDED Anchor (Aluminium Plate)

Extended Intermediate anchor with longer tube to enable bending to suit small degree changes in the line.

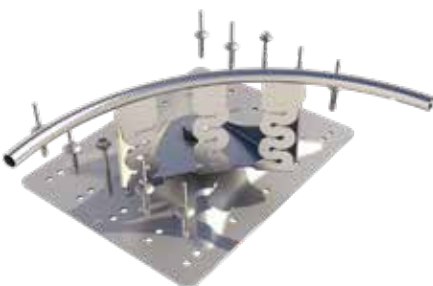


### PRODUCT CODE: STAT.FROGSAL008+FIXINGS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-305-H	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

## Surface Mounted CORNER Anchor (Aluminium Plate)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



### PRODUCT CODE: STAT.FROGSAL003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-AL-305-H	SurfaceLink Plate 305mm (precut holes)	*MGA	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

# SURFACE MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted onto various metal profile roof sheeting.
- Advise SafetyLink of your roof profile to acquire plate size to suit, see Plate Selector.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual

### SURFACE MOUNTED FROGLINE LIFELINE (STAINLESS STEEL PLATES)

Product Code	Description	Weight (kg)
STAT.FROGSUR002	FrogLine Surface Mounted End Anchor (316 Stainless Steel Plate)	1.995
STAT.FROGSUR002+Fixings	FrogLine Surface Mounted End Anchor (316 Stainless Steel Plate) + Fixings	2.095
STAT.FROGSUR001	FrogLine Surface Mounted Intermediate Anchor (316 Stainless Steel Plate)	1.991
STAT.FROGSUR001+Fixings	FrogLine Surface Mounted Intermediate Anchor (316 Stainless Steel Plate) + Fixings	2.091
STAT.FROGSUR008	FrogLine Surface Mounted Intermediate Extended Anchor (316 Stainless Steel Plate)	2.126
STAT.FROGSUR008+Fixings	FrogLine Surface Mounted Intermediate Extended Anchor (316 Stainless Steel Plate) + Fixings	2.226
STAT.FROGSUR003	FrogLine Surface Mounted Corner Anchor (316 Stainless Steel Plate)	2.144
STAT.FROGSUR003+Fixings	FrogLine Surface Mounted Corner Anchor (316 Stainless Steel Plate) + Fixings	2.244

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel





### Surface Mounted END Anchor (Stainless Steel Plate)

End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.



**PRODUCT CODE: STAT.FROGSUR002+FIXINGS**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate 305mm (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

### Surface Mounted INTERMEDIATE Anchor (Stainless Steel Plate)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.



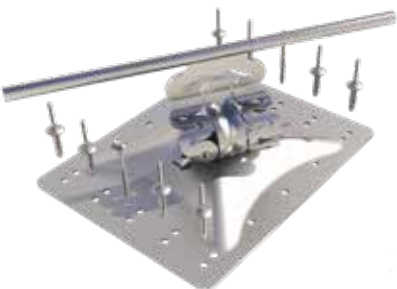
**PRODUCT CODE: STAT.FROGSUR001+FIXINGS**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate 305mm (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

### Surface Mounted INTERMEDIATE EXTENDED Anchor (Stainless Steel Plate)

Extended Intermediate anchor is designed to be mounted on the surface of a metal roof profile as part of a horizontal lifeline system, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.



**PRODUCT CODE: STAT.FROGSUR008+FIXINGS**

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate 305mm (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

### Surface Mounted CORNER Anchor (Stainless Steel Plate)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



**PRODUCT CODE: STAT.FROGSUR003+FIXINGS**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
ADV-PLATE-SS-305-H	SurfaceLink Plate 305mm (precut holes)	316SS	1
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
SCREW 14.10x80mm	14.10x80mm All-Thread Hex Head Screw with seal - Metal	Steel	2
RIVET_8mm(27.7)	Tri-fold Rivet: 8mm (Green Seal)	Alum	10

# SURFACE MOUNTED BROWNBUILT FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be mounted onto Longline/Brownbuilt metal roof sheeting.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### SURFACE MOUNTED FROGLINE LIFELINE (FOR BROWNBUILT/LOGLINE ROOF PROFILES)

Product Code	Description	Weight (kg)
STAT.FROGSBB002+Fixings	FrogLine Brownbuilt End Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.509
STAT.FROGSBB001+Fixings	FrogLine Brownbuilt Intermediate Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.505
STAT.FROGSBB008+Fixings	FrogLine Brownbuilt Intermediate Extended Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.640
STAT.FROGSBB003+Fixings	FrogLine Brownbuilt Corner Anchor (Bent Side Plates for Longline/Brownbuilt) + Fixings	2.658

### Accessories Required for Complete Lifeline

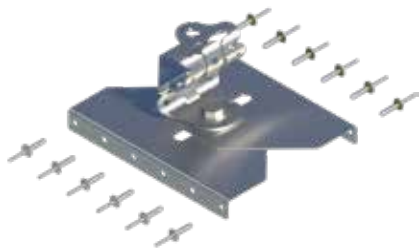
Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel



### Surface Mounted END Anchor (Bent Side Plates for Longline/Brownbuilt)

End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.

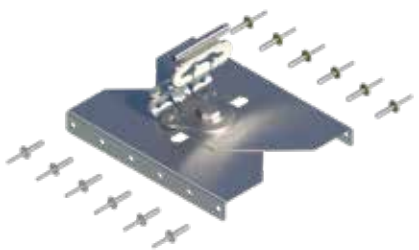


#### PRODUCT CODE: STAT.FROGSBB002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted INTERMEDIATE Anchor (Bent Side Plates for Longline/Brownbuilt)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.



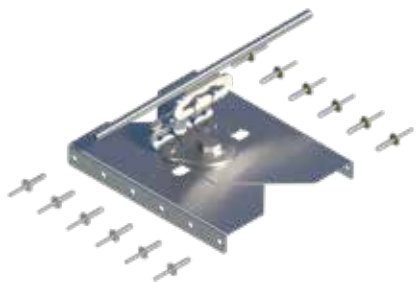
#### PRODUCT CODE: STAT.FROGSBB001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted INTERMEDIATE EXTENDED Anchor (Bent Side Plates for Longline/BB)

Extended Intermediate anchor is designed to be mounted on the surface of a metal roof profile as part of a horizontal lifeline system, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.

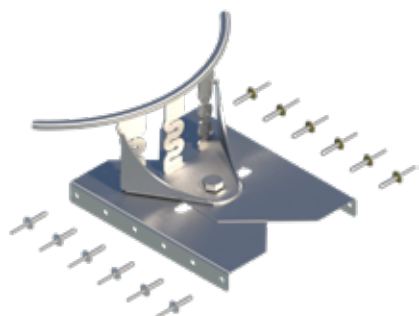


#### PRODUCT CODE: STAT.FROGSBB008+FIXINGS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

### Surface Mounted CORNER Anchor (Bent Side Plates for Longline/Brownbuilt)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



#### PRODUCT CODE: STAT.FROGSBB003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm Set Screw	316SS	1
SURF-SIDEPLATE-BB	SurfaceLink Side Plate BENT+foam	316SS	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
RIVET_8mm(34)	Tri-fold Rivet: 8mm 7.7 x 34.0 length (Yellow Seal)	Alum	12

# SURFACE MOUNTED RAISED FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.

- Permanent horizontal height safety lifeline system, designed to be mounted onto High Profile metal roof sheeting.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### SURFACE MOUNTED FROGLINE LIFELINE (RAISED STAINLESS STEEL PLATE FOR HIGH ROOF PROFILES )

Product Code	Description	Weight (kg)
STAT.FROGSRA002+Fixings	FrogLine RAISED Surface Mounted End Anchor + Fixings	2.459
STAT.FROGSRA001+Fixings	FrogLine RAISED Surface Mounted Intermediate Anchor + Fixings	2.455
STAT.FROGSRA008+Fixings	FrogLine RAISED Surface Mounted Intermediate Extended Anchor + Fixings	2.590
STAT.FROGSRA003+Fixings	FrogLine RAISED Surface Mounted Corner Anchor + Fixings	2.608

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel





## Surface Mounted END Anchor (Raised Stainless Steel Plate)

End anchor is designed to be mounted on the surface of a metal roof profile as attachment points for the cable to start and terminate at.



### PRODUCT CODE: STAT.FROGSRA002+FIXINGS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm	316SS	1
ADV-PLATE-SS-290x237.5x67	SurfaceLink Plate:RAISED 290x237.5x67	316SS	1
WASHER 70od-SS	Washer: 70mm O.D.	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
Rivet_8mm(27.7)	Tri-fold Rivet: 8mm 7x7 (Green Seal)	Aluminium	10

## Surface Mounted INTERMEDIATE Anchor (Raised Stainless Steel Plate)

Intermediate anchor is designed to be mounted on the surface of a metal roof profile to limit lifeline span distances.



### PRODUCT CODE: STAT.FROGSRA001+FIXINGS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm	316SS	1
ADV-PLATE-SS-290x237.5x67	SurfaceLink Plate:RAISED 290x237.5x67	316SS	1
WASHER 70od-SS	Washer: 70mm O.D.	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
Rivet_8mm(27.7)	Tri-fold Rivet: 8mm 7x7 (Green Seal)	Aluminium	10

## Surface Mounted INTERMEDIATE EXTENDED Anchor (Raised Stainless Steel Plate)

Extended Intermediate anchor is designed to be mounted on the surface of a metal roof profile as part of a horizontal lifeline system, to limit lifeline span distances.

Longer tube to enable bending to suit small degree changes in the line.



### PRODUCT CODE: STAT.FROGSRA008+FIXINGS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm	316SS	1
ADV-PLATE-SS-290x237.5x67	SurfaceLink Plate:RAISED 290x237.5x67	316SS	1
WASHER 70od-SS	Washer: 70mm O.D.	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
Rivet_8mm(27.7)	Tri-fold Rivet: 8mm 7x7 (Green Seal)	Aluminium	10

## Surface Mounted CORNER Anchor (Raised Stainless Steel Plate)

Corner anchor is designed to be mounted on the surface of a metal roof profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



### PRODUCT CODE: STAT.FROGSRA003+FIXINGS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16 x 35mm	316SS	1
ADV-PLATE-SS-290x237.5x67	SurfaceLink Plate:RAISED 290x237.5x67	316SS	1
WASHER 70od-SS	Washer: 70mm O.D.	316SS	1
WASHER M16_SPRING	Spring Washer: M16	316SS	1
NUT M16	Nut: M16	316SS	1
FOAM-TAPE 29cm	Barrier Foam Tape	Foam	2
Rivet_8mm(27.7)	Tri-fold Rivet: 8mm 7x7 (Green Seal)	Aluminium	10

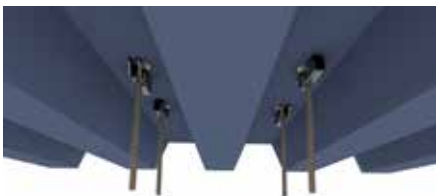
# MEMBRANE MOUNTED FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted into membrane roof construction.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### MEMBRANE MOUNTED FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGSSQ002+TOGGLE	FrogLine Membrane SurfaceLink End Anchor	2.904
STAT.FROGSSQ001+TOGGLE	FrogLine Membrane SurfaceLink Intermediate Anchor	2.900
STAT.FROGSSQ008+TOGGLE	FrogLine Membrane SurfaceLink Intermediate Extended Anchor	3.035
STAT.FROGSSQ003+TOGGLE	FrogLine Membrane SurfaceLink Corner Anchor	3.053

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel





### Membrane END Anchor

End anchor is designed to be mounted through membrane roof as attachment points for the cable to start and terminate at.

- Drill four holes with size 30mm holesaw through entire roof sheeting.



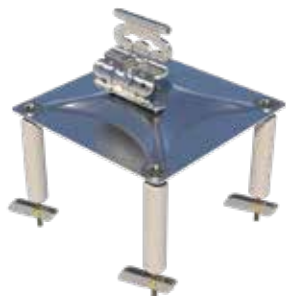
#### PRODUCT CODE: STAT.FROGSSQ002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
ADV-PLATE-SS-295SQ-Bolt	SurfaceLink Plate: 295mmx295mm + Welded Bolt/Washer	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TOGGLE001	Toggle Anchors - 300mm	316SS	4

### Membrane INTERMEDIATE Anchor

Intermediate anchor is designed to be mounted through membrane roof to limit lifeline span distances.

- Drill four holes with size 30mm holesaw through entire roof sheeting.



#### PRODUCT CODE: STAT.FROGSSQ001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
ADV-PLATE-SS-295SQ-Bolt	SurfaceLink Plate: 295mmx295mm + Welded Bolt/Washer	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TOGGLE001	Toggle Anchors - 300mm	316SS	4

### Membrane EXTENDED INTERMEDIATE Anchor

Extended Intermediate anchor is designed to be mounted through membrane to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

- Drill four holes with size 30mm holesaw through entire roof sheeting.



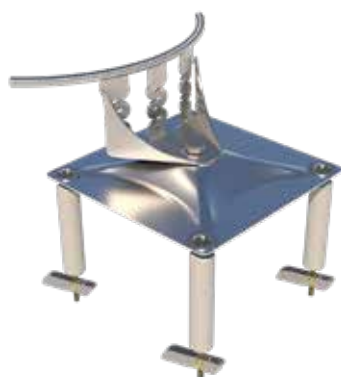
#### PRODUCT CODE: STAT.FROGSSQ008

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
ADV-PLATE-SS-295SQ-Bolt	SurfaceLink Plate: 295mmx295mm + Welded Bolt/Washer	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TOGGLE001	Toggle Anchors - 300mm	316SS	4

### Membrane CORNER Anchor

Corner anchor is designed to be mounted through membrane roof. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.

- Drill four holes with size 30mm holesaw through entire roof sheeting.



#### PRODUCT CODE: STAT.FROGSSQ003

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
ADV-PLATE-SS-295SQ-Bolt	SurfaceLink Plate: 295mmx295mm + Welded Bolt/Washer	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TOGGLE001	Toggle Anchors - 300mm	316SS	4

# CLAMP MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted onto standing seam roof profile.
- Install using Friction Clamps, contact SafetyLink to find the bracket to suit your roof sheeting.
- Brackets clamp to the roof profile with no penetration to the roof sheeting for superior waterproofing.
- Install up roof pitches no greater than 15 degrees and across roof pitches no greater than 25 degrees.
- Fitted where it is difficult to access the underside of the roof. Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



SCAN ME  
Installation Manual

### SURFACE MOUNTED FROGLINE LIFELINE (FOR STANDING SEAM ROOF SHEETING)

Product Code	Description	Weight (kg)
STAT.FROGPLT002	FrogLine Standing Seam SurfaceLink End Anchor (ADVISE ROOF PROFILE FOR CLAMPS & PLATE SIZES)	3.687
STAT.FROGPLT001	FrogLine Standing Seam SurfaceLink Intermediate Anchor (ADVISE ROOF PROFILE FOR CLAMPS & PLATE SIZES)	3.683
STAT.FROGPLT008	FrogLine Standing Seam SurfaceLink Intermediate Extended Anchor (ADVISE ROOF PROFILE FOR CLAMPS & PLATE SIZES)	3.836
STAT.FROGPLT003	FrogLine Standing Seam SurfaceLink Corner Anchor (ADVISE ROOF PROFILE FOR CLAMPS & PLATE SIZES)	3.863

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119

\*MGA = Marine Grade Aluminium  
\*316SS = 316 Stainless Steel



Got questions? Contact SafetyLink for more information.

1300 789 545

## Surface Mounted END Anchor (advise roof profile for Clamp & Plate sizes)

End anchor is designed to be mounted on Standing Seam Roof Profile as attachment points for the cable to start and terminate at.

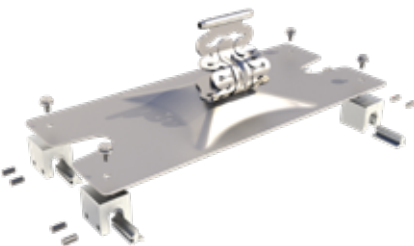


### PRODUCT CODE: STAT.FROGLPT002 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

## Surface Mounted INTERMEDIATE Anchor (advise roof profile for Clamp & Plate sizes)

Intermediate anchor is designed to be mounted on Standing Seam Roof Profile to limit lifeline span distances.

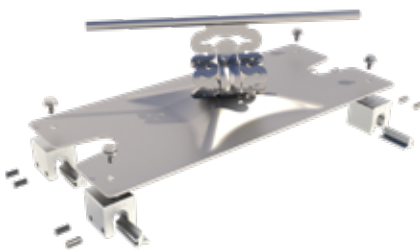


### PRODUCT CODE: STAT.FROGLPT001 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

## Surface Mounted INTERMEDIATE EXTENDED (advise roof profile for Clamp & Plate sizes)

Extended Intermediate anchor is designed to be mounted on Standing Seam Roof Profile to limit lifeline span distances. Longer tube to enable bending to suit small degree changes in the line.

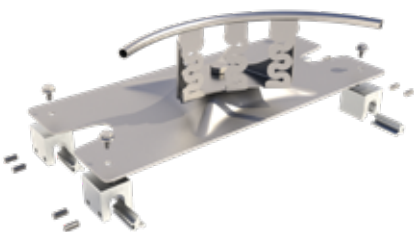


### PRODUCT CODE: STAT.FROGLPT008 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE INT_EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

## Surface Mounted CORNER Anchor (advise roof profile for Clamp & Plate sizes)

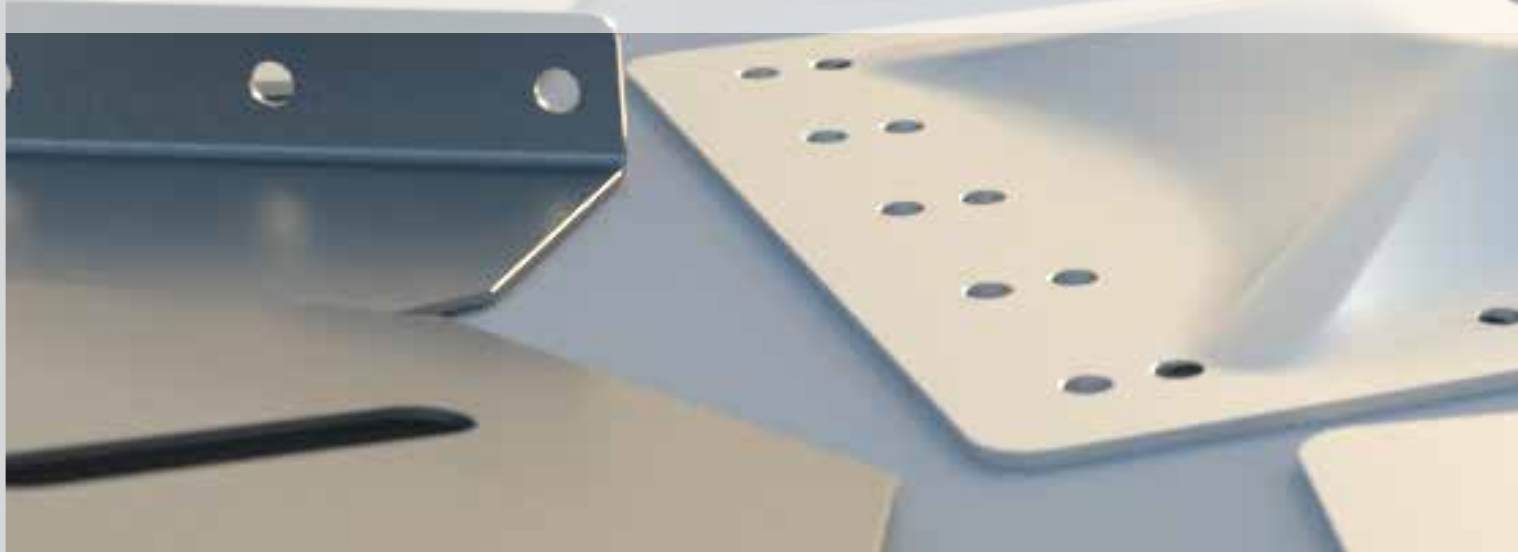
Corner anchor is designed to be mounted on Standing Seam Roof Profile. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



### PRODUCT CODE: STAT.FROGLPT003 + PLATE + CLAMPS

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER 70od_Plastic	Washer: 70mm OD	Plastic	2
WASHER 70od_SS	Washer: 70mm OD	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
NUT M16_316	Nut: M16	316SS	1
ADV-PLATE-AL-"SIZE"	SurfaceLink Plate (advise roof profile for Plate Size)	Alum	1
S5_BRACKET "TYPE"	S5_Clamp (advise roof profile for Clamp type)	Alum/SS	4

# SURFACE MOUNTED PLATE SELECTOR



Product Code	Size	Holes	Roof Profile	Material	Fixings	Weight (Kg)
<b>SURFACELINK SIDE PLATES (Precut Holes)</b>						
SURF-SIDEPLATE	294mm x 302mm x 2mm	187 to 272mm	Multitude adjustable side plates	*316SS	Rivets	0.749
<b>SURFACELINK SIDE PLATES - BENT (Precut Holes)</b>						
SURF-SIDEPLATE-BB	294mm x 244mm x 2mm	171 to 244mm	Brownbuilt Roof Profile adjustable side plates	*316SS	Rivets	0.749
<b>SURFACELINK PLATE – 295 (Toggle Holes)</b>						
ADV-PLATE-SS-295SQ	295mm x 295mm x 1.5mm	4 toggle holes	Membrane Roof Profile	*316SS	Toggles	0.900
<b>SURFACELINK PLATE – 305 (Blank)</b>						
ADV-PLATE-AL-305	305mm x 243mm x 3mm	Blank	Multitude	*MGA	Rivets & Screws	0.554
<b>SURFACELINK PLATE – 305 (Multi Precut Holes)</b>						
ADV-PLATE-AL-305-M	290mm x 230mm x 3mm	Multitude, hole centres to suit roof profiles listed	Spandek (262.5) Trimdek (191) Kliplok (406) Custom Orb (231) Kliplok 700 & 700HS (231)	*MGA	Rivets & Screws	0.554
<b>SURFACELINK PLATE – 305 (Multi Precut Holes)</b>						
ADV-PLATE-SS-305-M	290mm x 230mm x 2mm	Multitude, hole centres to suit roof profiles listed	Spandek (262.5) Trimdek (191) Kliplok (406) Custom Orb (231) Kliplok 700 & 700HS (231)	*316SS	Rivets & Screws	1.083
<b>SURFACELINK PLATE – 305 (Precut Holes)</b>						
ADV-PLATE-AL-305-H	305mm x 243mm x 3mm	Multitude, hole centres to suit roof profiles listed	Trimdek (195) Corrugated (228) Kliplok (258) Plywood 15mm (install with 16 x 14 Gauge 50mm Hex Screws)	*MGA	Rivets & Screws	0.554
<b>SURFACELINK PLATE – 305 (Precut Holes)</b>						
ADV-PLATE-AL-305-K	305mm x 243mm x 3mm	Holes at 203mm and 234mm	Klip-lok Classic (700) Klip-lok High Strength (700) Klip-lok (406)	*MGA	Rivets & Screws	0.554
<b>SURFACELINK PLATE – 305 (Precut Holes)</b>						
ADV-PLATE-SS-305-H	305mm x 243mm x 2mm	Multitude, hole centres to suit roof profiles listed	Trimdek (195) Corrugated (228) Kliplok (258) Plywood 15mm (install with 16 x 14 Gauge 50mm Hex Screws)	*316SS	Rivets & Screws	1.083

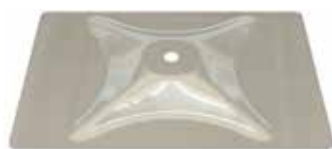
\*MGA = Marine Grade Aluminium

\*316SS = 316 Stainless Steel

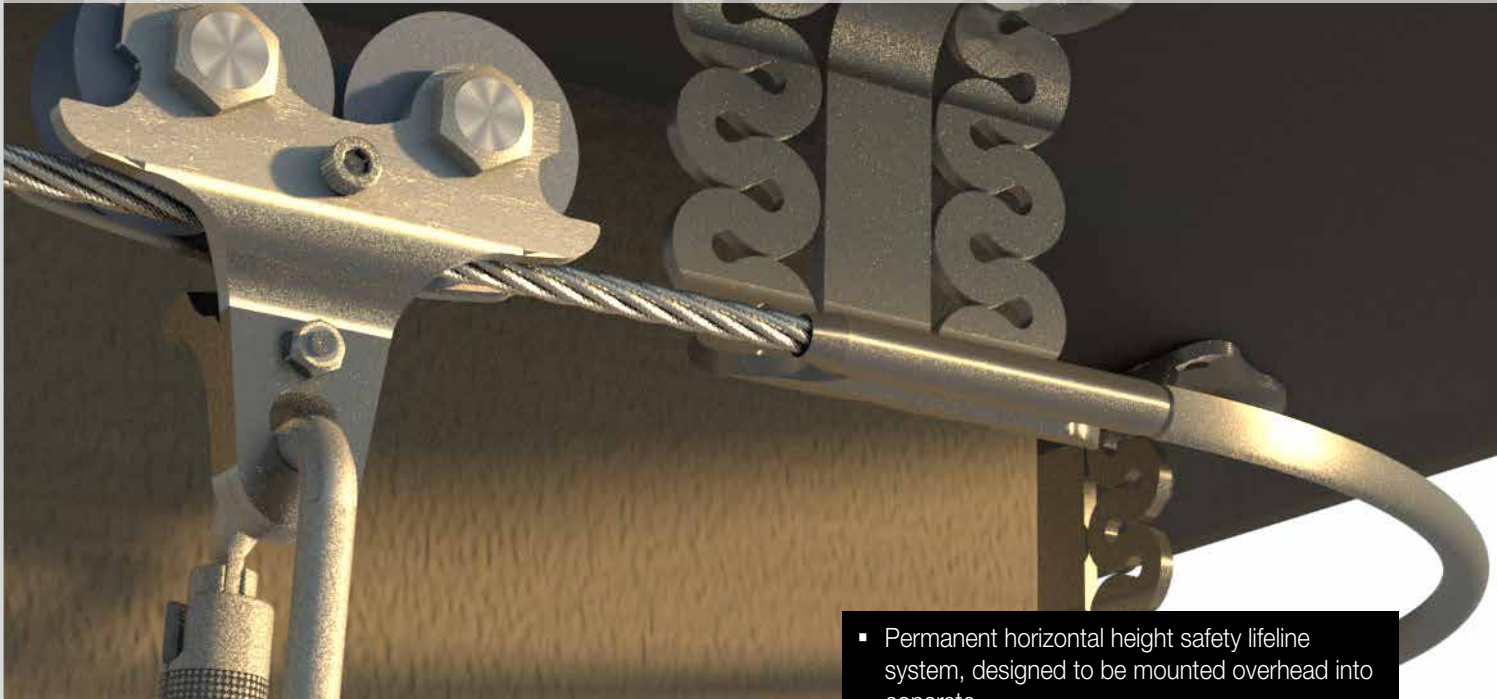


# SURFACELINK PLATE SELECTOR

Product Code	Size	Holes	Roof Profile	Material	Fixings	Weight (Kg)
<b>SURFACELINK PLATE – RAISED (Precut Holes)</b>						
ADV-PLATE-SS-290x237.5x67	290mm x 237.5mm x 67mm	Raised Roof Profiles	Multitude	*316SS	Rivets & Screws	1.489
<b>SURFACELINK PLATE – 370 (Blank)</b>						
ADV-PLATE-AL-370	370mm x 243mm x 3mm	Blank	Multitude	*MGA	Rivets or	0.710
ADV-PLATE-SS-370	370mm x 243mm x 3mm	Blank	Multitude	*316SS	S5 Brackets	0.710
<b>SURFACELINK PLATE – 370 (Holes 318)</b>						
ADV-PLATE-AL-370-H-318	370mm x 243mm x 3mm	Holes at 318mm	Multitude	*MGA	Rivets	0.710
ADV-PLATE-SS-370-H-318	370mm x 243mm x 3mm	Holes at 318mm	Multitude	*316SS	Rivets	0.710
<b>SURFACELINK PLATE – 370 (Holes 333)</b>						
ADV-PLATE-AL-370-H-333	370mm x 243mm x 3mm	Holes at 333mm	Multitude	*MGA	Rivets	0.710
ADV-PLATE-SS-370-H-333	370mm x 243mm x 3mm	Holes at 333mm	Multitude	*316SS	Rivets	0.710
<b>SURFACELINK PLATE – 450 (Blank)</b>						
ADV-PLATE-AL-450	450mm x 243mm x 3mm	Option 4x Holes at 400mm profile. Non Stock Item	Standing Seam	*MGA	Rivets or S5 Brackets	1.117
<b>SURFACELINK PLATE – 550 (Blank) for SL Clamps only</b>						
ADV-PLATE-AL-550-SLCLAMP	550mm x 296mm x 3mm	Blank	Standing Seam	*MGA	SL Clamps	1.365
<b>SURFACELINK PLATE – 550 (Blank)</b>						
ADV-PLATE-AL-550	550mm x 243m x 3mm	Holes options on request Non Stock Item	Standing Seam	*MGA	S5 Brackets	1.365
<b>SURFACELINK PLATE – 650 (Blank)</b>						
ADV-PLATE-AL-650	650mm x 243m x 3mm	Holes options on request Non Stock Item	Standing Seam	*MGA	S5 Brackets	1.606
<b>SURFACELINK PLATE – 750 (Blank)</b>						
ADV-PLATE-AL-750	750mm x 296m x 3mm	Holes options on request Non Stock Item	Standing Seam	*MGA	S5 Brackets	



# OVERHEAD CONCRETE DONUTLINK FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive Data Sheet



Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted overhead into concrete.
- Significantly reduces the installation time, producing an efficient and cost effective system.
- No additional eyebolts needed for load testing. Testing done in situ, no dismantling required.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### OVERHEAD DONUTLINK CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCON009	FrogLine ConcreteLink End OVERHEAD Anchor (CONCRETE INSERT VERSION FOR PULL TESTING)	1.030
STAT.FROGCAR004	FrogLine Concrete Overhead DonutLink Intermediate Anchor	0.968
STAT.FROGCAR010	FrogLine Concrete Overhead DonutLink Corner Anchor	2.115
STAT.FROGCAR012	FrogLine Concrete DonutLink Overhead External Corner Anchor	1.150
STAT.FROGCAR013	FrogLine Concrete DonutLink Overhead Internal Corner Anchor	1.150

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168
DONUTLINK-ADP	DonutLink: M16 316SS Adapter	166





### Concrete Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into a concrete overhead structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON09**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 x 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

### DonutLink Concrete Mounted OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into a concrete overhead structure to limit lifeline span distances.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR04**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Base Intermediate Overhead	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

### DonutLink Concrete Mounted OVERHEAD CORNER Anchor



Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR010**

Components	Description	Material	Qty
STAT.FROGCAR004	FrogLine DonutLink Concrete Intermediate Overhead	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

### DonutLink Concrete Mounted OVERHEAD EXTERNAL CORNER Anchor



EXTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR012**

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

### DonutLink Concrete Mounted OVERHEAD INTERNAL CORNER Anchor



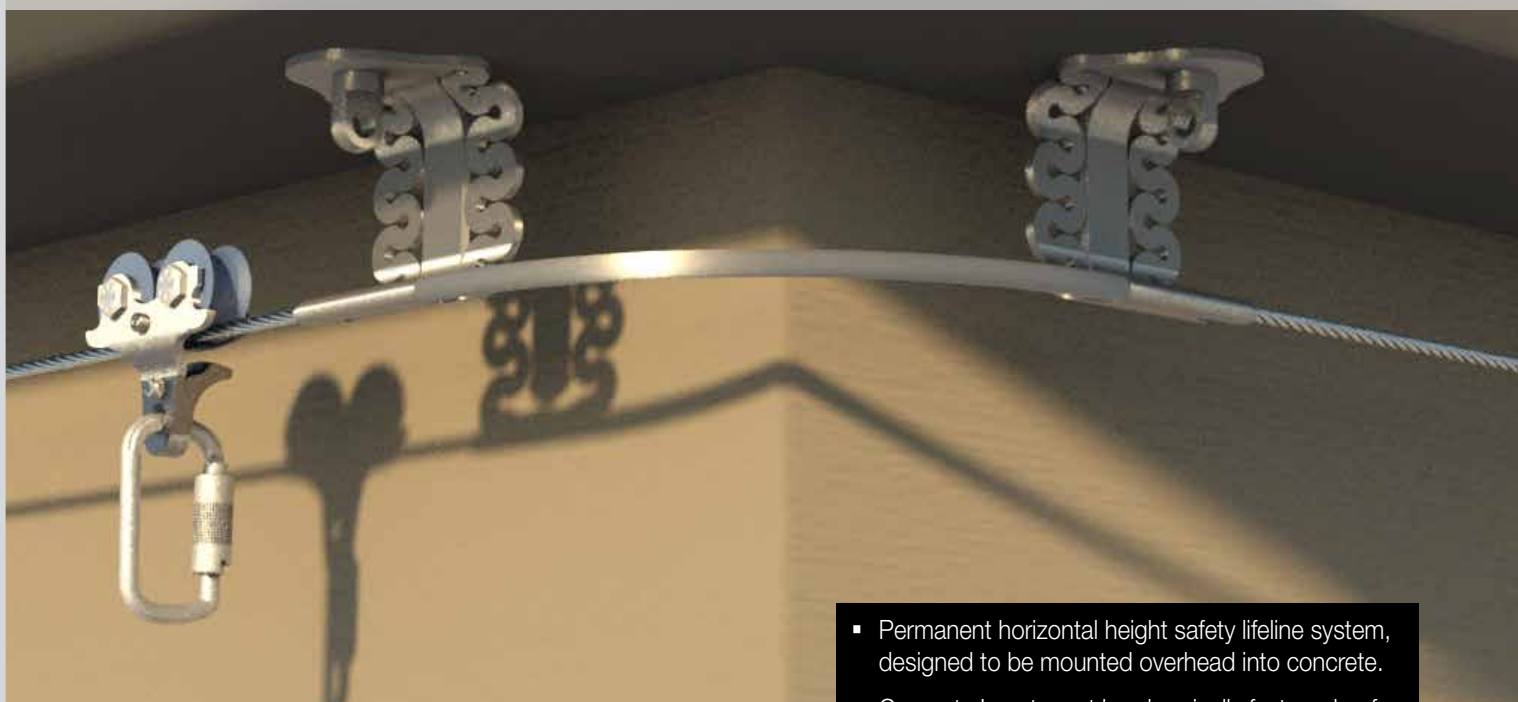
INTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.

**PRODUCT CODE: STAT.FROGCAR013**

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	1
CON-M16x130	M16x130mm Anchor Rod+Washer+Spring Washer+Nut	316SS	1

# OVERHEAD CONCRETE MOUNTED FROGLINE



- Permanent horizontal height safety lifeline system, designed to be mounted overhead into concrete.
- Concrete Insert must be chemically fastened, refer to chemical Adhesive data sheet in Appendix 1.
- FrogLine Bolts installed as part of the FrogLine Concrete Lifeline allows easy proof load testing to be completed without the need to remove any components from the system.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

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The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive Data Sheet



Installation Manual

### OVERHEAD CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCON009	FrogLine Concrete Overhead End Anchor	1.030
STAT.FROGCON004	FrogLine Concrete Overhead Intermediate Anchor	1.026
STAT.FROGCON010	FrogLine Concrete Overhead Corner Anchor	2.231
STAT.FROGCON012	FrogLine ConcreteLink Overhead External Corner Anchor	2.416
STAT.FROGCON013	FrogLine ConcreteLink Overhead Internal Corner Anchor	2.416

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168



### Concrete Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into a concrete overhead structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON009**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 x 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

### Concrete Mounted OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into a concrete overhead structure to limit lifeline span distances.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON004**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Base Intermediate Overhead	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 x 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

### Concrete Mounted OVERHEAD CORNER Anchor



Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90°.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON010**

Components	Description	Material	Qty
STAT.FROGCON004	FrogLine Concrete Intermediate Overhead	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

### Concrete Mounted OVERHEAD EXTERNAL CORNER Anchor



EXTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90°.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON012**

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
FROGLINE BOLT	FrogLine Eyebolt: M16x35mm	316SS	1
CON-INSERT	ConcreteLink Insert: M16 90mm	316SS	1

### Concrete Mounted OVERHEAD INTERNAL CORNER Anchor



INTERNAL Corner anchor is designed to be mounted into a concrete overhead structure. The lifeline cable runs through the corner tube redirecting it by up to 90°.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.

**PRODUCT CODE: STAT.FROGCON0013**

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
FROGLINE BOLT	FrogLine Eyebolt: M16x35mm	316SS	1
CON-INSERT	ConcreteLink Insert: M16 90mm	316SS	1

# OVERHEAD STEEL MOUNTED FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



SCAN ME  
Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted overhead onto steel construction.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### OVERHEAD STEEL MOUNTED FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGSTE009	FrogLine Steel Mounted Overhead End Anchor	0.848
STAT.FROGSTE004	FrogLine Steel Mounted Overhead Intermediate Anchor	0.844
STAT.FROGSTE010	FrogLine Steel Mounted Overhead Corner Anchor	1.867
STAT.FROGSTE012	FrogLine Steel Overhead Mounted External Corner Anchor	1.026
STAT.FROGSTE013	FrogLine Steel Overhead Mounted Internal Corner Anchor	1.026

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119



### Steel Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into steel structures as part of a overhead horizontal lifeline system.

- End anchor attachment points for the cable to start and terminate at.
- Drill a 16mm hole.

**PRODUCT CODE: STAT.FROGSTE009**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

### Steel Mounted INTERMEDIATE OVERHEAD Anchor



Intermediate anchor is designed to be mounted into steel structure as part of an overhead horizontal lifeline system.

- To limit lifeline span distances.
- Drill a 16mm hole.

**PRODUCT CODE: STAT.FROGSTE004**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Intermediate Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

### Steel Mounted OVERHEAD CORNER Anchor



Corner anchor is designed to be mounted into steel structure. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 16mm hole.

**PRODUCT CODE: STAT.FROGSTE010**

Components	Description	Material	Qty
STAT.FROGSTE004	FrogLine Steel Intermediate Overhead	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1

### Steel Mounted OVERHEAD EXTERNAL CORNER Anchor



EXTERNAL Corner anchor is designed to be mounted into steel structure.

- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.
- Drill a 16mm hole.

**PRODUCT CODE: STAT.FROGSTE012**

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: 16mm	316SS	1
NUT M16_316	Nut: 16mm	316SS	1

### Steel Mounted OVERHEAD INTERNAL CORNER Anchor



INTERNAL Corner anchor is designed to be mounted into steel structure.

- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.
- Drill a 16mm hole.

**PRODUCT CODE: STAT.FROGSTE013**

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_Spring_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: 16mm	316SS	1
NUT M16_316	Nut: 16mm	316SS	1

# OVERHEAD BEAMLINK FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation  
Manual

- Permanent horizontal height safety lifeline system, designed to be mounted overhead on flanged beams like universal beams and columns and fabricated sections.
- Consult an engineer if there is any doubt a structure can take the required load.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## OVERHEAD BEAMLINK FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGST009+BEAM_FIXINGS	FrogLine BeamLink Overhead End Anchor (Select BeamLink length from below to add to lifeline fixings)	0.784
STAT.FROGST004+BEAM_FIXINGS	FrogLine BeamLink Overhead Intermediate Anchor (Select BeamLink length from below to add to lifeline fixings)	0.780
STAT.FROGST012+BEAM_FIXINGS	FrogLine BeamLink Overhead External Corner Anchor (Select BeamLink length from below to add to lifeline fixings)	0.962
STAT.FROGST013+BEAM_FIXINGS	FrogLine BeamLink Overhead Internal Corner Anchor (Select BeamLink length from below to add to lifeline fixings)	0.962

## BEAMLINK

Product Code	Description	Weight (kg)
BEAMLINK001.160	BeamLink to suit Flange upto 160mm	5.736
BEAMLINK001.210	BeamLink to suit Flange upto 210mm	5.884
BEAMLINK001.285	BeamLink to suit Flange upto 285mm	6.122
BEAMLINK001.385	BeamLink to suit Flange upto 385mm	6.418

## Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119



### BeamLink OVERHEAD END Anchor

End anchor is designed to be mounted overhead on flanged beams as part of a overhead horizontal lifeline system.

- End anchor attachment points for the cable to start and terminate at.



**PRODUCT CODE: STAT.FROGSTE009+BEAM\_FIXINGS**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)			

### BeamLink OVERHEAD INTERMEDIATE Anchor

Intermediate anchor is designed to be mounted on flanged beams as part of an overhead horizontal lifeline system.

- Intermediate to limit lifeline span distances.



**PRODUCT CODE: STAT.FROGSTE004+BEAM\_FIXINGS**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Base Intermediate OVERHEAD	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)			

### BeamLink OVERHEAD EXTERNAL CORNER Anchor

EXTERNAL Corner anchor is designed to be mounted on flanged beams .

- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.



**PRODUCT CODE: STAT.FROGSTE012+BEAM\_FIXINGS**

Components	Description	Material	Qty
FROGLINE CNR_OH_EXT	FrogLine Base Overhead External Corner	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)			

### BeamLink OVERHEAD INTERNAL CORNER Anchor

INTERNAL Corner anchor is designed to be mounted on flanged beams .

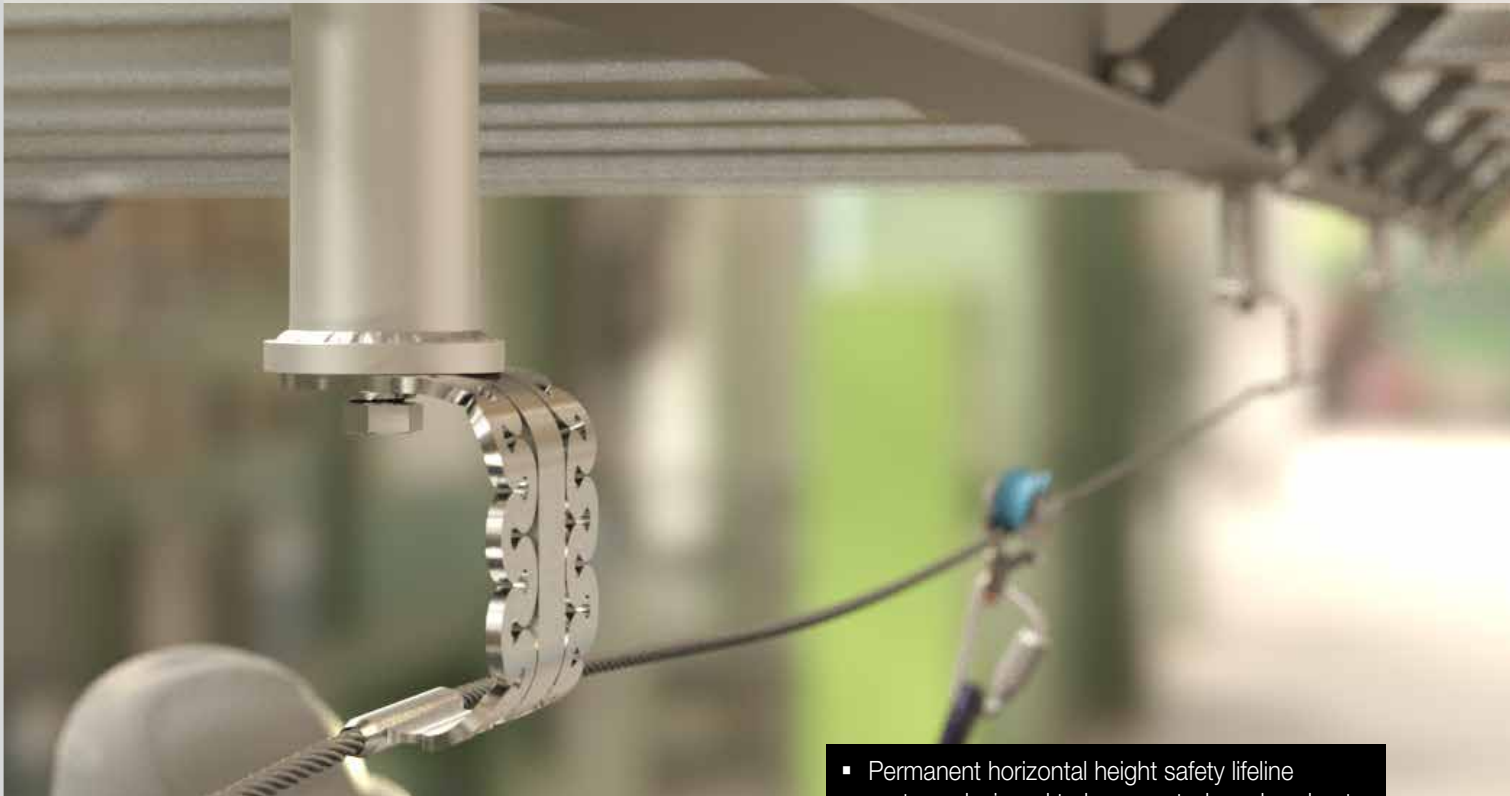
- The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.



**PRODUCT CODE: STAT.FROGSTE013+BEAM\_FIXINGS**

Components	Description	Material	Qty
FROGLINE CNR_OH_INT	FrogLine Base Overhead Internal Corner	316SS	1
FROGLINE BUSH M16-M12	FrogLine Bush: M16 to M12	316SS	1
BOLT-M12x45mm	Bolt: M12x45mm	316SS	1
WASHER M12_316	Washer: M12	316SS	1
WASHER M12_Spring_316	Washer: M12 Spring	316SS	1
NUT M12_316	Nut: M12	316SS	1
*** BEAMLINK TO BE ADDED - ADVISE LENGTH REQUIRED (160 / 210 / 285 / 385)			

# OVERHEAD STEEL TUFF-POST FROGLINE 150/300



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted overhead onto steel purlin construction.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### OVERHEAD STEEL TUFF-POST FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGTUFF009S-150R	FrogLine TUFF-POST Steel Overhead Mounted End Anchor - Raised 150mm	3.971
STAT.FROGTUFF004S-150R	FrogLine TUFF-POST Steel Overhead Mounted Intermediate Anchor - Raised 150mm	3.967
STAT.FROGTUFF009S-300R	FrogLine TUFF-POST Steel Overhead Mounted End Anchor - Raised 300mm	7.211
STAT.FROGTUFF004S-300R	FrogLine TUFF-POST Steel Overhead Mounted Intermediate Anchor - Raised 300mm	7.207

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119





### TUFF-POST Raised 150mm Steel Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into steel structures as part of a overhead horizontal lifeline system. End anchor attachment points for the cable to start and terminate at.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

**PRODUCT CODE: STAT.FROGTUFF009S-150R**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M16x50mm Set Screw	316SS	2
WASHER M12_316	Washer: M16	316SS	2
WASHER M12_SPRING_316	Spring Washer: M16	316SS	2
NUT M12_316	Nut: M16	316SS	2

### TUFF-POST Raised 150mm Steel Mounted OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into steel structure as part of an overhead horizontal lifeline system to limit lifeline span distances.

- Drill 2 x M12 holes, must be held down with a minimum of 2 x M12 bolts.

**PRODUCT CODE: STAT.FROGTUFF004S-150R**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Intermediate Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST150R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M12x50mm-SS	Bolt: M16x50mm Set Screw	316SS	2
WASHER M12_316	Washer: M16	316SS	2
WASHER M12_SPRING_316	Spring Washer: M16	316SS	2
NUT M12_316	Nut: M16	316SS	2

### TUFF-POST Raised 300mm Steel Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into steel structures as part of a overhead horizontal lifeline system. End anchor attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF009S-300R**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

### TUFF-POST Raised 300mm Steel Mounted OVERHEAD INTERMEDIATE Anchor



Intermediate anchor is designed to be mounted into steel structure as part of an overhead horizontal lifeline system to limit lifeline span distances.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF004S-300R**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Intermediate Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST300R	TUFF-POST 300mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

# OVERHEAD STEEL TUFF-POST FROGLINE 600/900



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



SCAN ME  
Installation Manual

- Permanent horizontal height safety lifeline system, designed to be mounted overhead onto steel construction.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### OVERHEAD STEEL TUFF-POST FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGTUFF009S-600R	FrogLine TUFF-POST Steel Overhead Mounted End Anchor - Raised 600mm	8.011
STAT.FROGTUFF004S-600R	FrogLine TUFF-POST Steel Overhead Mounted Intermediate Anchor - Raised 600mm	8.007
STAT.FROGTUFF009S-900R	FrogLine TUFF-POST Steel Overhead Mounted End Anchor - Raised 900mm	12.011
STAT.FROGTUFF004S-900R	FrogLine TUFF-POST Steel Overhead Mounted Intermediate Anchor - Raised 900mm	12.007

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119



### TUFF-POST Raised 600mm Steel Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into steel structures as part of a overhead horizontal lifeline system. End anchor attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF009S-600R**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

### TUFF-POST Raised 600mm Steel Mounted INTERMEDIATE OVERHEAD Anchor



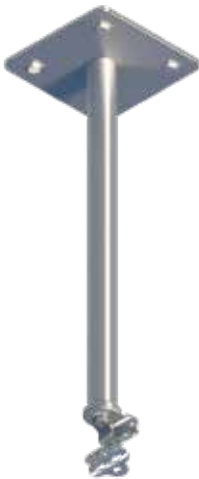
Intermediate anchor is designed to be mounted into steel structure as part of an overhead horizontal lifeline system to limit lifeline span distances.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF004S-600R**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Intermediate Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST600R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

### TUFF-POST Raised 900mm Steel Mounted OVERHEAD END Anchor



End anchor is designed to be mounted into steel structures as part of a overhead horizontal lifeline system. End anchor attachment points for the cable to start and terminate at.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF009S-900R**

Components	Description	Material	Qty
FROGLINE END_OH	FrogLine Base End Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

### TUFF-POST Raised 900mm Steel Mounted INTERMEDIATE OVERHEAD Anchor



Intermediate anchor is designed to be mounted into steel structure as part of an overhead horizontal lifeline system to limit lifeline span distances.

- Drill 4 x M16 holes, must be held down with a minimum of 4 x M16 bolts.

**PRODUCT CODE: STAT.FROGTUFF004S-900R**

Components	Description	Material	Qty
FROGLINE INT_OH	FrogLine Intermediate Overhead	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
TUFF-POST900R	TUFF-POST 900mm (Round)	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw	316SS	4
WASHER M16_316	Washer: M16	316SS	4
WASHER M16_SPRING_316	Spring Washer: M16	316SS	4
NUT M16_316	Nut: M16	316SS	4

# WALL DONUTLINK CONCRETE FROGLINE



- Permanent horizontal height safety lifeline system, designed to be wall mounted into concrete.
- Significantly reduces the installation time, producing an efficient and cost effective system.
- No additional eyebolts needed for load testing. Testing done in situ, no dismantling required.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual



Chemical Adhesive Data Sheet

### WALL MOUNTED DONUTLINK CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCAR002	FrogLine Concrete DonutLink End Anchor	1.023
STAT.FROGCAR001	FrogLine Concrete DonutLink Intermediate Anchor	1.019
STAT.FROGCAR011	FrogLine Concrete DonutLink Corner Wall Anchor	2.217

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner (For use above waist height)	117
STAT.SHUTL003	FrogLine Shuttle with Karabiner (For use below waist height)	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168
DONUTLINK-ADP	DonutLink: M16 316SS Adapter	166

## DonutLink Concrete Mounted END Anchor

End anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.



### PRODUCT CODE: STAT.FROGCAR002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

## DonutLink Concrete Mounted INTERMEDIATE Anchor

Intermediate anchor is designed to be mounted into a concrete structure as attachment points for the cable to start and terminate at.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.



### PRODUCT CODE: STAT.FROGCAR001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
NUT M16_316	Nut: M16	316SS	1
WASHER M16_SPRING_316	Washer: M16 Spring	316SS	1
WASHER M16_DONUT	Washer: M16 DonutLink	316SS	1
ROD M16X130MM	Anchor Rod: M16x130mm (45 deg cut)	316SS	1

## DonutLink Concrete Mounted CORNER WALL Anchor

Concrete wall anchor is designed to be mounted into a concrete wall on internal and external corners. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 18mm hole to a minimum of 90mm embedment into concrete structure.
- Chemically anchored into concrete.



### PRODUCT CODE: STAT.FROGCAR011

Components	Description	Material	Qty
STAT.FROGCAR001	FrogLine Concrete Intermediate	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1



# WALL MOUNTED CONCRETE FROGLINE



- Permanent horizontal height safety lifeline system, designed to be wall mounted into concrete.
- Concrete Insert must be chemically fastened, refer to chemical Adhesive data sheet in Appendix 1.
- FrogLine Bolts installed as part of the lifeline allows easy proof load testing to be completed without the need to remove any components from the system.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation Manual



Chemical Adhesive Data Sheet

### WALL MOUNTED CONCRETE FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGCON002	FrogLine Concrete End Anchor	1.023
STAT.FROGCON001	FrogLine Concrete Intermediate Anchor	1.019
STAT.FROGCON011	FrogLine Concrete Corner Wall Anchor	2.217

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL002	Overhead Shuttle with Karabiner (For use above waist height)	117
STAT.SHUTL003	FrogLine Shuttle with Karabiner (For use below waist height)	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168

## Concrete Mounted END Anchor

End anchor is designed to be mounted into a concrete wall structure as attachment points for the cable to start and terminate at.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.



### PRODUCT CODE: STAT.FROGCON002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

## Concrete Mounted INTERMEDIATE Anchor

Intermediate anchor is designed to be mounted into a concrete wall structure, to limit lifeline span distances.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.



### PRODUCT CODE: STAT.FROGCON001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
FROGLINE BOLT	FrogLine Eyebolt M16 35mm	316SS	1
CON-INSERT	ConcreteLink Insert M16 x 90mm	316SS	1

## Concrete Mounted CORNER WALL Anchor

Concrete wall anchor is designed to be mounted into a concrete wall on internal and external corners. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Chemically anchored into concrete.
- Drill a 28mm hole to a depth of 90mm.



### PRODUCT CODE: STAT.FROGCON011

Components	Description	Material	Qty
STAT.FROGCON001	FrogLine Concrete Intermediate Anchor	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1



# CONCRETE BRACKET WALL MOUNTED



- Permanent horizontal height safety lifeline system, designed to be mounted into concrete wall structure.
- Anchor Rod must be chemically fastened, refer to Chemical Adhesive data sheet in Appendix 1.
- Donut Washers installed as part of the FrogLine Concrete Lifeline allows easy proof load testing to be completed without the need to remove any components from the system. Refer to Appendix 2 for pull testing.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Chemical Adhesive  
Data Sheet



Installation Manual

### CONCRETE WALL MOUNTED BRACKET FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGTUFF002C-BRKT	FrogLine Concrete Wall Mounted Bracket End Anchor	1.023
STAT.FROGTUFF001C-BRKT	FrogLine Concrete Wall Mounted Bracket Intermediate Anchor	1.019
STAT.FROGTUFF008C-BRKT	FrogLine Concrete Wall Mounted Bracket Intermediate Extended Anchor	1.154
STAT.FROGTUFF003C-BRKT	FrogLine Concrete Wall Mounted Bracket Corner Anchor	1.172

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	119
STAT.SHUTL003	FrogLine Shuttle with Karabiner	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
CON-CHEM-FISV.300	Fischer FIS-V Injection Mortar FIS V Cartridge 300ml with 2 x Static Mixer (scan QR Code)	168





### Concrete Bracket END Wall Mounted Anchor

End anchor is designed to be mounted into a concrete wall as attachment points for the cable to start and terminate at.



**PRODUCT CODE: STAT.FROGTUFF002C-BRKT**

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

### Concrete Bracket INTERMEDIATE Wall Mounted Anchor

Intermediate anchor is designed to be mounted into a concrete wall, to limit lifeline span distances.



**PRODUCT CODE: STAT.FROGTUFF001C-BRKT**

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

### Concrete Bracket INTERMEDIATE EXTENDED Wall Mounted Anchor

Intermediate anchor with longer tube to enable bending to suit small degree changes in the line. Designed to be mounted into a concrete wall.



**PRODUCT CODE: STAT.FROGTUFF008C-BRKT**

Components	Description	Material	Qty
FROGLINE INT EXT	FrogLine Base Intermediate Extended	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

### Concrete Bracket CORNER Wall Mounted Anchor

Corner anchor is designed to be mounted into a concrete wall on internal corner. The lifeline cable runs through the corner anchor point redirecting it by up to 90 degrees.



**PRODUCT CODE: STAT.FROGTUFF003C-BRKT**

Components	Description	Material	Qty
FROGLINE CNR	FrogLine Base Corner	316SS	1
BOLT-M16x35mm-SS	Bolt: M16x35mm Set Screw	316SS	1
WASHER M16_316	Washer: M16	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1
TUFF-BRKT01	Tuff-Bracket	316SS	1
WASHER M16_DONUT	Washer: DonutLink M16	316SS	2
CON-M16x160	Anchor Rod wth M16 Nut & Spring Washer	316SS	2

# WALL MOUNTED STEEL FROGLINE



## LIFELINES

Installation of any SafetyLink Lifeline Systems **requires face to face training for manufacturer's accreditation.**

The structure **must** be assessed by an engineer, unless it is clear to a competent person that the structure is adequate.



Installation  
Manual

- Permanent horizontal height safety lifeline system, designed to be wall mounted onto steel Mounted construction.
- Equipped with an engineered energy absorbing region to minimise loads on users and structures in the event of a fall.
- Continuous connection with 8mm stainless steel cable, utilising the FrogLine Shuttle System, up to four (4) users per system, two (2) per span.

### WALL MOUNTED STEEL FROGLINE LIFELINE

Product Code	Description	Weight (kg)
STAT.FROGSTE002	FrogLine Steel Mounted End Anchor	0.841
STAT.FROGSTE001	FrogLine Steel Mounted Intermediate Anchor	0.837
STAT.FROGSTE011	FrogLine Steel Mounted Corner Wall Anchor	1.853

### Accessories Required for Complete Lifeline

Product Code	Description	Page
STAT.TENSR (007/004/005)	Tensioner with Tension Indicator (Swaged/Swageless/Crimped)	119
STAT.TERMN (001/002/003)	Termination (Swaged/Swageless/Crimped)	118
STAT.SHUTL002	Overhead Shuttle with Karabiner (For use above waist height)	117
STAT.SHUTL003	FrogLine Shuttle with Karabiner (For use below waist height)	117
STAT.CABLE001	Cable: 8mm diameter, 7x7 wire rope, 316 Stainless Steel	119
STAT.CABLE_8mm_1x19_SS	Cable: 8mm diameter, 1x19 wire rope, 316 Stainless Steel (Cannot be used with Swageless Fittings)	119

## Steel Mounted END Anchor

End anchor is designed to be mounted onto steel structures as part of a wall mounted horizontal lifeline system.

- End anchor attachment points for the cable to start and terminate at.
- Drill a 16mm hole.



### PRODUCT CODE: STAT.FROGSTE002

Components	Description	Material	Qty
FROGLINE END	FrogLine Base End	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm Set Screw (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Steel Mounted INTERMEDIATE Anchor

Intermediate anchor is designed to be mounted onto steel structures as part of a wall mounted horizontal lifeline system.

- Drill a 16mm hole.



### PRODUCT CODE: STAT.FROGSTE001

Components	Description	Material	Qty
FROGLINE INT	FrogLine Base Intermediate	316SS	1
BOLT-M16x50mm-SS	Bolt: M16x50mm (Length to be confirmed)	316SS	1
WASHER M16_SPRING_316	Spring Washer: M16	316SS	1
WASHER M16_316	Washer: M16	316SS	1
NUT M16_316	Nut: M16	316SS	1

## Steel Mounted CORNER WALL Anchor

Corner wall anchor mounted onto steel structure as part of a wall mounted horizontal lifeline system. The lifeline cable runs through the corner tube redirecting it by up to 90 degrees.

- Drill a 16mm hole per intermediate.

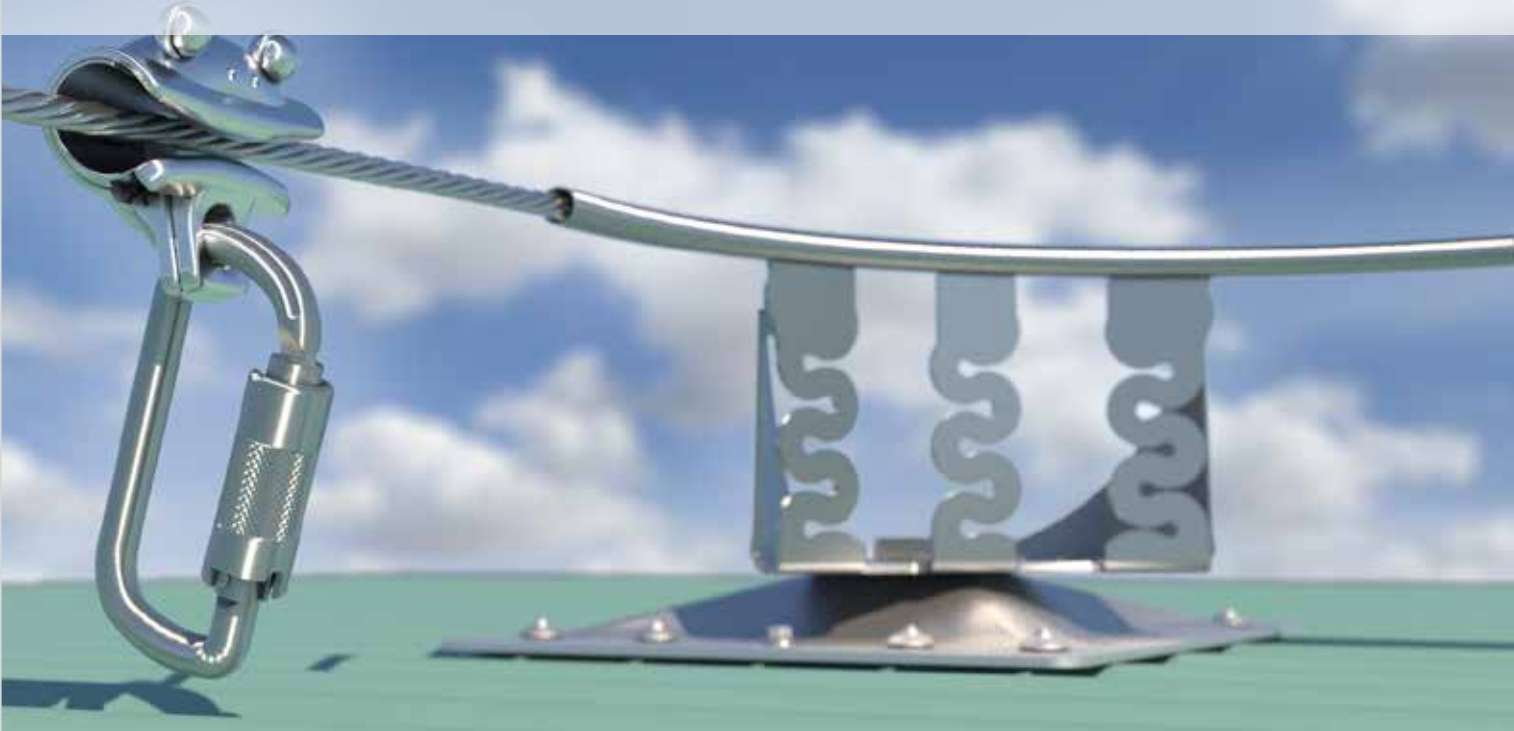


### PRODUCT CODE: STAT.FROGSTE011

Components	Description	Material	Qty
STAT.FROGSTE001	FrogLine Steel Intermediate Anchor	316SS	2
STAT.CTUBE001.01	Corner Tube: 90 degrees	316SS	1



# SHUTTLES / FITTINGS



The FrogLine Lifeline's low profile design combines effortless energy absorbing capabilities into every intermediate, end and corner anchor, consequently incorporating the line energy absorbers into the system. This inventive approach ensures our FrogLine Lifeline systems are always installed with the maximum energy absorption possible regardless of the horizontal line length. SafetyLink's horizontal lifeline systems make traversing along lifelines simple and easy, eliminating the need to disconnect from the line, our intermediate and corners are designed so our innovative shuttles can glide freely.

- 📍 Patented low profile design.
- 📍 Fast simplified installation.
- 📍 Advanced shock absorbing serpentine.
- 📍 Innovative built in fall indicators.
- 📍 Solid 316 stainless steel components.
- 📍 Quick connect shuttle.
- 📍 Smooth transition over intermediates.



FrogLine In Use Video



### Horizontal Lifeline Shuttle



- For use on SafetyLink **HORIZONTAL** Lifeline Systems.
- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

**PRODUCT CODE: STAT.SHUTL003**

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL003.01	FrogLine Shuttle	316SS	1	0.401
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

### Horizontal Overhead Lifeline Shuttle



- For use on SafetyLink horizontal **OVERHEAD** Lifeline Systems.
- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

**PRODUCT CODE: STAT.SHUTL002**

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL002.01	OVERHEAD Shuttle (Nylon Wheels)	316SS	1	0.628
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

### Horizontal Overhead Lifeline Shuttle



- For use on SafetyLink horizontal **OVERHEAD** Lifeline Systems.
- No need to disconnect from Lifeline as it passes easily over Intermediate anchor points.
- Must be used with included SafetyLink Karabiner.
- Suits 8mm Cable.

**PRODUCT CODE: STAT.SHUTL004**

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL004.01	OVERHEAD Shuttle (Stainless Steel Wheels)	316SS	1	0.943
KARBNR034	SafetyLink Karabiner	Stainless Steel	1	0.212

### Horizontal Lifeline Shuttle



- For use on SafetyLink horizontal lifeline systems.
- No need to disconnect from lifeline as it passes easily over Intermediate anchor points.
- Suits 8mm Cable.

**PRODUCT CODE: STAT.SHUTL005**

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL005	Horizontal Lifeline Shuttle	Stainless Steel	1	0.695

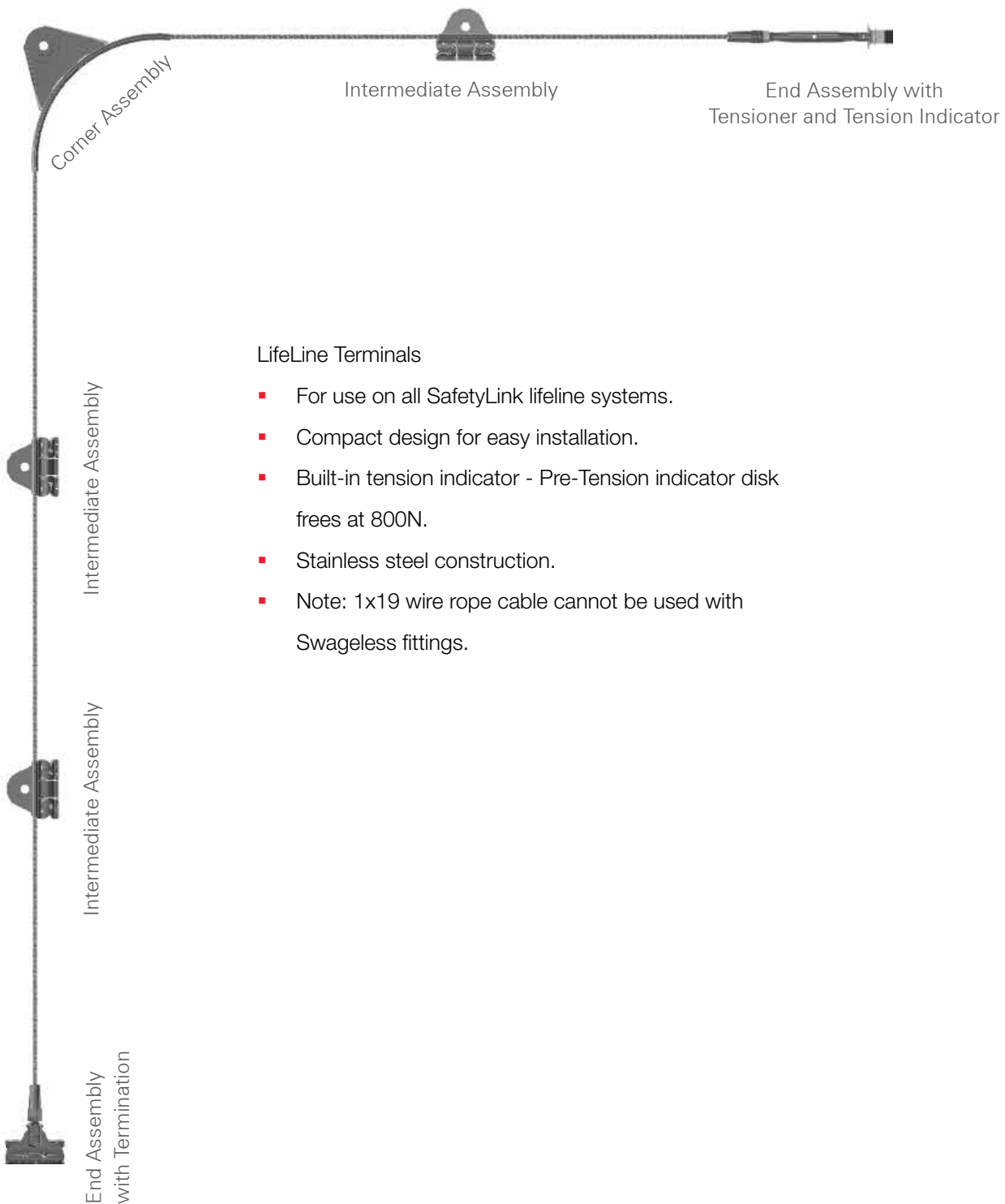
### Horizontal Overhead Lifeline Shuttle



- For use on SafetyLink horizontal lifeline overhead systems.
- No need to disconnect from lifeline as it passes easily over Intermediate anchor points.
- Suits 8mm Cable.
- Available with Nylon or Stainless Steel wheels.

Components	Description	Material	Qty	Weight (kg)
STAT.SHUTL006	Horizontal Lifeline Shuttle with Nylon Wheels	SS/Nylon	1	1.040
STAT.SHUTL006_SS	Horizontal Lifeline Shuttle with Stainless Steel Wheels	316SS	1	1.210

# SAFETYLINK LIFELINE TERMINALS



## LifeLine Terminals

- For use on all SafetyLink lifeline systems.
- Compact design for easy installation.
- Built-in tension indicator - Pre-Tension indicator disk frees at 800N.
- Stainless steel construction.
- Note: 1x19 wire rope cable cannot be used with Swageless fittings.

## Cable Connector



- Cable Connector used to join 8mm cable on long lifelines.
- Installation requires battery powered crimping tool.

Product Code	Description	Material	Qty	Weight (kg)
STAT.CABJOIN	SS Cable Connector	316SS	1	0.125



### SWAGELESS Terminals



- Swageless Terminals.
- Simple installation and removal with common hand tools.
- Do not reuse jaws or house, contact SafetyLink to replace.
- Suits 8mm, 7x7 & 7x19 cable.

Product Code	Description	Material	Qty	Weight (kg)
STAT.TERMN002	Swageless Termination	316SS	1	0.362
STAT.TENSR002	Swageless Tensioner	316SS	1	0.629
STAT.TENSR004	Swageless Tensioner with Tension Indicator	316SS	1	0.815

### CRIMP ON Terminals



- Crimp On Terminals.
- Easy installation with battery powered crimping tool.
- Suits 8mm, 7x7, 7x19 & 1 x 19 cable.

Product Code	Description	Material	Qty	Weight (kg)
STAT.TERMN003	Crimped Termination	316SS	1	0.174
STAT.TENSR003	Crimped Tensioner	316SS	1	0.499
STAT.TENSR005	Crimped Tensioner & Tension Indicator	316SS	1	0.679

### SWAGED Terminals



- Swaged Terminals.
- Installation requires a Roll Swaging Machine.
- Suits 8mm, 7x7, 7x19 & 1 x 19 cable.

Product Code	Description	Material	Qty	Weight (kg)
STAT.TERMN001	Swaged Termination	316SS	1	0.236
STAT.TENSR001	Swaged Tensioner	316SS	1	0.551
STAT.TENSR007	Swaged Tensioner with Tension Indicator	316SS	1	0.737

### Cable



- For use on SafetyLink Lifeline Systems.
- 316 Stainless steel cable.
- 8mm diameter.
- 7x7, 7x19 and 1x19 wire rope.

Product Code	Description	Material	Qty	Weight (kg)
STAT.CABLE001	Cable: 8mm 7x7, per metre	316SS	1	0.260
STAT.CABLE001.01	Roll Cable: 8mm 7x7, 305 metres	316SS	1	83
STAT.CABLE001.02	Roll Cable: 8mm 7x7, 500 metres	316SS	1	138
STAT.CABLE_8mm_7x19_SS	Cable: 8mm 7x19, per metre	316SS	1	0.260
STAT.CABLE_8mm_1x19_SS	Cable: 8mm 1x19, per metre	316SS	1	0.260

# V Line LADDER VERTICAL LIFELINE



The SafetyLink V-Line is a Vertical Lifeline suitable for use as part of a personal fall protection system. The V-Line offers a Vertical Lifeline with one or multiple shuttles for users to attach with. The V-Line allows users to climb a vertical structure or ladder along a permanently mounted safety cable system.

Systems shall be designed to limit free fall, swing fall and maximise fall clearance. Where possible, systems should be installed as close to the centre of the ladder or climbing zone as possible.



Installation  
Manual

## V-LINE SHUTTLE



- V-Line shuttle to be connected to harness.
- Single user shuttle.

### PRODUCT CODE: VLINESHUT001

Components	Description	Material	Qty
VLINESHUT001.01	V-LINE Vertical Shuttle	Stainless Steel	1
KARBNR036	Karabiner: Steel, Dual Action, Gate 20mm, Rated 41kn	Steel	1

## V-LINE CABLE



- V-Line cable with swaged termination, advise cable length required.

### PRODUCT CODE: VLINE.CABLE.XXX

Components	Description	Material	Qty
VLINE.SWAGE	V-LINE Swaged Termination	316SS	1
STAT.CABLE001	Cable: 8mm diameter, 7 x 7 wire rope	316SS	1

## V-LINE CABLE WITH 90 DEGREE CABLE GUIDE



- V-Line cable with swaged termination, advise cable length required.

### PRODUCT CODE: VLINE.CABLE.AG.XXX

Components	Description	Material	Qty
VLINE.SWAGE	V-LINE Swaged Termination	316SS	1
STAT.CABLE001	Cable: 8mm diameter, 7 x 7 wire rope	316SS	1
VLINEGDE003	V-LINE 90 degree bolt on cable guide	Galvanized	1

## V-LINE CABLE WITH STRAIGHT CABLE GUIDE



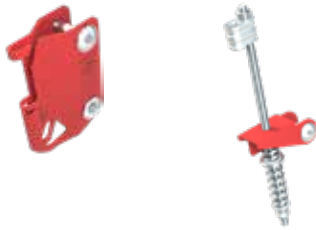
- V-Line cable with swaged termination, advise cable length required.

### PRODUCT CODE: VLINE.CABLE.SG.XXX

Components	Description	Material	Qty
VLINE.SWAGE	V-LINE Swaged Termination	316SS	1
STAT.CABLE001	Cable: 8mm diameter, 7 x 7 wire rope	316SS	1
VLINEGDE004	V-LINE Straight bolt on cable guide	Galvanized	1



## V-LINE KIT: TOP AND BOTTOM BRACKETS

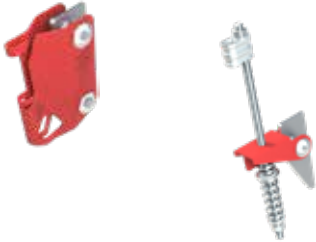


- V-Line top and bottom bracket only. Does not include mounting plates.

### PRODUCT CODE: VLINE002

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1

## V-LINE KIT: TOP AND BOTTOM BRACKETS WITH MOUNTING PLATES

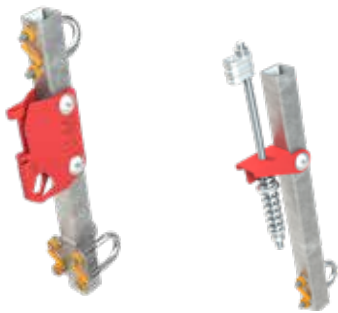


- V-Line top and bottom brackets with structural fixing mounting plates for welding to structure.

### PRODUCT CODE: VLINE003

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.PLT.BTM	V-LINE Bottom Plate	316SS	1
VLINE.PLT.TOP	V-LINE Top Plate	316SS	1

## V-LINE KIT: LADDER RUNG TOP AND BOTTOM BRACKETS - BOLT ON 485MM



- V-Line top and bottom brackets, top bracket terminates at top rung of ladder.

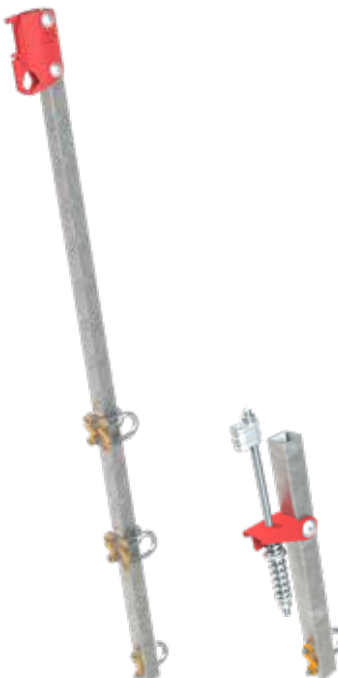
### GALVANIZED V-LINE - PRODUCT CODE: VLINE004

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K	V-LINE Single U Bolt Kit	Galvanized	2
VLINE.UBT.K	V-LINE Twin U Bolt Kit	Galvanized	1
VLINE.POST.480	V-LINE Post 480mm (Top)	Galvanized	1
VLINE.POST.480B	V-LINE Post 480mm (Bottom)	Galvanized	1

### STAINLESS STEEL V-LINE - PRODUCT CODE: VLINE004-SS

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K-SS	V-LINE Single U Bolt Kit	316SS	2
VLINE.UBT.K-SS	V-LINE Twin U Bolt Kit	316SS	1
VLINE.POST.480-SS	V-LINE Post 480mm (Top)	316SS	1
VLINE.POST.480B-SS	V-LINE Post 480mm (Bottom)	316SS	1

## V-LINE KIT: LADDER RUNG TOP AND BOTTOM BRACKETS - BOLT ON 1575MM



- V-Line ladder rung top and bottom brackets, Supplied with U Bolts for fixing to ladder rungs. Extends above top ladder rung 900mm.

### GALVANIZED V-LINE - PRODUCT CODE: VLINE005

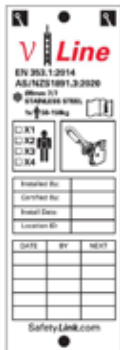
Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K	V-LINE Single U Bolt Kit	Galvanized	2
VLINE.UBT.K	V-LINE Twin U Bolt Kit	Galvanized	2
VLINE.POST.1575	V-LINE Post 1575mm (Top)	Galvanized	1
VLINE.POST.480B	V-LINE Post 480mm (Bottom)	Galvanized	1

### STAINLESS STEEL V-LINE - PRODUCT CODE: VLINE005-SS

Components	Description	Material	Qty
VLINE.BTM.PM	V-LINE Bottom Bracket Kit	316SS	1
VLINE.TOP.PM	V-LINE Top Bracket Kit	316SS	1
VLINE.UBS.K-SS	V-LINE Single U Bolt Kit	316SS	2
VLINE.UBT.K-SS	V-LINE Twin U Bolt Kit	316SS	2
VLINE.POST.1575-SS	V-LINE Post 1575mm (Top)	316SS	1
VLINE.POST.480B-SS	V-LINE Post 480mm (Bottom)	316SS	1

# V Line LADDER VERTICAL LIFELINES

## V-LINE WARNING COMPLIANCE SIGN



- Vertical lifeline warning compliance sign.
- Notes installer information, safe use and inspection details.

**PRODUCT CODE: VLIN.WARN**

**MATERIAL: ALUMINIUM**

## CABLE GUIDE POLE BOLT ON KIT - 90 DEGREE



- Vertical lifeline 90 degree cable guide pole bolt on kit for use on ladder lifelines.
- Cable guides are used to stop cable from swaying, required every 8 metres.

**PRODUCT CODE: VLINEGDE001**

**MATERIAL: GALVANIZED**

## CABLE GUIDE POLE BOLT ON KIT - STRAIGHT



- Vertical lifeline straight cable guide pole bolt on kit for use on ladder lifelines.
- Cable guides are used to stop cable from swaying, required every 8 metres.

**PRODUCT CODE: VLINEGDE002**

**MATERIAL: GALVANIZED**

## CABLE GUIDE LADDER RUNG BOLT ON KIT - 90 DEGREE



- Vertical lifeline 90 degree cable guide bolt on kit for use on ladder lifelines.
- Cable guides are used to stop cable from swaying, required every 8 metres.

**PRODUCT CODE: VLINEGDE003**

**MATERIAL: GALVANIZED**

## CABLE GUIDE LADDER RUNG BOLT ON KIT - STRAIGHT



- Vertical lifeline straight cable guide bolt on kit for use on ladder lifelines.
- Cable guides are used to stop cable from swaying, required every 8 metres.

**PRODUCT CODE: VLINEGDE004**

**MATERIAL: GALVANIZED**

## CABLE GUIDE POLE MOUNTING BRACKET



- Cable guide pole support brackets can be fastened with any M12 fastener capable of supporting 200kg. Alternatively, the brackets may be welded to metal poles. Any welds shall be suitably protected from corrosion with a minimum 75um or zinc rich primer.

**PRODUCT CODE: VLIN.PLT.CG**

**MATERIAL: GALVANIZED**

## CABLE GUIDE POLE MOUNTING BRACKET - EXTENDED



- Cable guide pole support brackets can be fastened with any M12 fastener capable of supporting 200kg. Alternatively, the brackets may be welded to metal poles. Any welds shall be suitably protected from corrosion with a minimum 75um or zinc rich primer.

**PRODUCT CODE: VLIN.PLT.CG.EXT**

**MATERIAL: GALVANIZED**

# V Line ACCESSORIES

## V-LINE FIXING BRACKET - TOP WELD ON



- V-Line top weld on support fixing bracket.

PRODUCT CODE: VLINE.PLT.TOP

MATERIAL: 316SS

## V-LINE FIXING BRACKET - BOTTOM WELD ON



- V-Line bottom weld on support fixing bracket.

PRODUCT CODE: VLINE.PLT.BTM

MATERIAL: 316SS

## V-LINE FIXING BRACKET - TOP POLE BOLT ON



- V-Line top bolt on support fixing bracket.
- Fixing to Steel - M12 or M16 bolts as per section 3.2.4 of manual.
- Fixing to Concrete - M16 fasteners, embedment depth 95mm as per section 3.2.3 of manual.

PRODUCT CODE: VLINE.PLT.TOP.POLE

MATERIAL: 316SS

## V-LINE FIXING BRACKET - BOTTOM POLE BOLT ON



- V-Line bottom bolt on support fixing bracket.
- Fixing to Steel - M12 or M16 bolts as per section 3.2.4 of manual.
- Fixing to Concrete - M16 fasteners, embedment depth 95mm as per section 3.2.3 of manual.

PRODUCT CODE: VLINE.PLT.BTM.POLE

MATERIAL: 316SS

## V-LINE FIXING BRACKET - TOP POLE BOLT ON EXTENSION



- V-Line top bolt on support fixing bracket, extended 100mm.
- Fixing to Steel - M12 or M16 bolts as per section 3.2.4 of manual.
- Fixing to Concrete - M16 fasteners, embedment depth 120mm as per section 3.2.3 of manual.

PRODUCT CODE: VLINE.PLT.TOP.POLE.EXT

MATERIAL: 316SS

## V-LINE FIXING BRACKET - BOTTOM POLE BOLT ON EXTENSION



- V-Line bottom bolt on support fixing bracket, extended 100mm.
- Fixing to Steel - M12 or M16 bolts as per section 3.2.4 of manual.
- Fixing to Concrete - M16 fasteners, embedment depth 120mm as per section 3.2.3 of manual.

PRODUCT CODE: VLINE.PLT.BTM.POLE.EXT

MATERIAL: 316SS

## V-LINE BOLT ON STEEL POLE 300mm



- V-Line top or bottom, bolt on support fixing bracket.
- Fixing to Steel - M12 or M16 bolts as per section 3.2.4 of manual.
- Fixing to Timber - M12 as per section 3.2.5 of manual.

PRODUCT CODE: VLINE.POST.300

MATERIAL: GALVANIZED

# 'Complete Solutions'



Users must be trained and competent in the use of personal protection equipment for working at heights and consult AS/NZS 1891.4 regarding selection, use and maintenance.

A risk assessment and rescue plan must be completed prior to undertaking any tasks requiring the use of this equipment.



Innovation and attention to detail is always foremost in our minds when designing new products. The X-Rail Horizontal Rigid Rail System demonstrates this with its uniquely designed rail. The rail is designed to achieve access to a wide range of scenarios, forming a complete system.

The SafetyLink X-Rail is a Horizontal Rigid Rail System suitable for use as part of a personal fall protection system. The X-Rail offers a Horizontal Rail System with one or multiple Mobile Anchor Points for attaching to. The X-Rail can be installed in three orientations; overhead, wall and floor.



# HORIZONTAL RAIL SYSTEM

- ❏ Australian Made.
- ❏ Can be used for a live load (abseiling).
- ❏ X-Rail is suitable when limited fall clearance is available.
- ❏ Custom made rail sections and corners can also be supplied upon request to meet your personal requirements.
- ❏ Easy for pull testing when installed into concrete.
- ❏ Easily integrated into the structure of a building and allowing continuous movement with innovative shuttle.
- ❏ Uniquely designed shuttle is designed to traverse smoothly through the system, eliminating realignment of shuttle.
- ❏ The X-Rail Horizontal Rigid Rail System System is compliant with AS/NZS 1891.2, EN795:2012 and PD CEN/TS 16415:2013.
- ❏ The X-Rail Horizontal Rigid Rail System is rated for up to four (4) users per system and in any span.

# X-Rail FLOOR/OVERHEAD MOUNTED CONCEALED



## STEEL MOUNTED RAIL (Concealed Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Steel Structures with one or multiple mobile anchor points for attaching to. The X-Rail can be installed in three orientations; Overhead, Wall and Floor. Components listed for Floor/Overhead.

### SHUTTLES FOR SIDE FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR CONCEALED FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-043	Steel Fixing Kit	0.023
XRAIL-TR-907(OTS)	Rail Screw	0.009

## X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

## X-RAIL END & INTERMEDIATE



- End and Intermediate for X-Rail.

### PRODUCT CODE: XRAIL-TR-201

Components	Description	Material	Qty	Weight
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115

## X-RAIL END KIT (CONCEALED FIX)



- System termination kit is installed at the end of the system and is designed to stop the rail sliding out.

### PRODUCT CODE: XRAIL-TR-041

Components	Description	Material	Qty	Weight
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188
XRAIL-TR-213	End Cap	Plastic	1	0.405

### X-RAIL 90 DEGREE FLOOR MOUNTED CORNER KIT (CONCEALED FIX)



- 90 degree floor corner is used to redirect rail line around corner.

PRODUCT CODE: XRAIL-TR-038				2.562
Components	Description	Material	Qty	Weight
XRAIL-TR-104	Rail Corner, Bend 90 degrees (Floor Mounted)	Aluminium	1	1.292
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	4	0.115
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

### X-RAIL 45 DEGREE FLOOR MOUNTED CORNER KIT (CONCEALED FIX)



- 45 degree floor corner is used to redirect rail line around corner.

PRODUCT CODE: XRAIL-TR-039				2.084
Components	Description	Material	Qty	Weight
XRAIL-TR-107	Rail Corner, Bend 45 degrees (Floor Mounted)	Aluminium	1	0.814
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	4	0.115
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

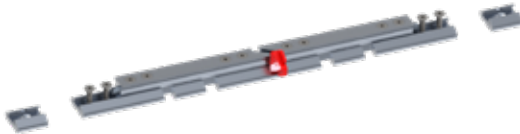
### X-RAIL JOINT KIT (CONCEALED FIX)



- Join kit is designed to join straight rail lengths together.

PRODUCT CODE: XRAIL-TR-025				0.635
Components	Description	Material	Qty	Weight
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	2	0.115

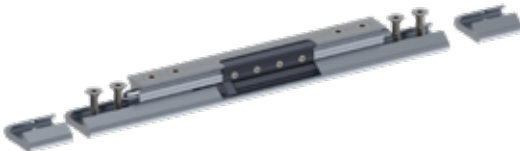
### X-RAIL EXPANSION JOINT KIT (CONCEALED FIX)



- Expansion Joints offers a location where the line can expand or contract due to changes in the ambient temperature, preventing the rail for buckling.

PRODUCT CODE: XRAIL-TR-044				2.835
Components	Description	Material	Qty	Weight
XRAIL-TR-236	Expansion Join	Aluminium	1	1.565
XRAIL-TR-201	Intermediate Bracket (Concealed Fix)	Aluminium	4	0.115
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

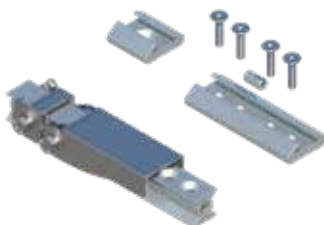
### X-RAIL INTERMEDIATE GATE, SHUTTLE ENTRY / EXIT KIT (CONCEALED FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the system.

PRODUCT CODE: XRAIL-TR-GATE.INT.KITCF				2.378
Components	Description	Material	Qty	Weight
XRAIL-TR-GATE.INT	Intermediate Gate for Shuttle entry/exit	Aluminium	1	2.080
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	2	0.115

### X-RAIL END GATE, SHUTTLE ENTRY / EXIT KIT (CONCEALED FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the end of the system.

PRODUCT CODE: XRAIL-TR-GATE.KITCF				1.799
Components	Description	Material	Qty	Weight
XRAIL-TR-GATE	End Gate for Shuttle entry/exit	Aluminium	1	1.279
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115

# X-Rail FLOOR/OVERHEAD MOUNTED SIDE FIX



## CONCRETE & STEEL MOUNTED RAIL (Side Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Concrete and Steel Structures with one or multiple Mobile Anchor Points for attaching to. The X-Rail can be installed in three orientations; Overhead, Wall and Floor. Components listed for Floor/Overhead.

### SHUTTLES FOR SIDE FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR SIDE FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
CON-M12x160-DONUT	Anchor Rod Kit_ M12x160mm	0.137
CON-CHEM-FISV.300	FIS V 300ml Cartridge	0.803
XRAIL-TR-012	Steel Fixing Kit	0.102
ADAPTER M12-M16	M12 to M16 Thread Retrofit Adapter	0.026

### X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

#### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

### X-RAIL INTERMEDIATE



- Intermediate for X-Rail.

#### PRODUCT CODE: XRAIL-TR-204

Components	Description	Material	Qty	Weight
XRAIL-TR-204	Intermediate Anchor (Side Fix)	Aluminium	1	0.219

### X-RAIL END KIT (SIDE FIX)



- System termination kit is installed at the end of the system and is designed to stop the rail sliding out.

#### PRODUCT CODE: XRAIL-TR-034

Components	Description	Material	Qty	Weight
XRAIL-TR-203	End Bracket (Side Fix)	Aluminium	1	0.978
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188
XRAIL-TR-213	End Cap	Plastic	1	0.405



## X-RAIL 90 DEGREE FLOOR MOUNTED CORNER KIT (SIDE FIX)



- 90 degree floor corner is used to redirect rail line around corner.

PRODUCT CODE: XRAIL-TR-031				2.978
Components	Description	Material	Qty	Weight
XRAIL-TR-104	Rail Corner, Bend 90 degrees (Floor Mounted)	Aluminium	1	1.292
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	4	0.219
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

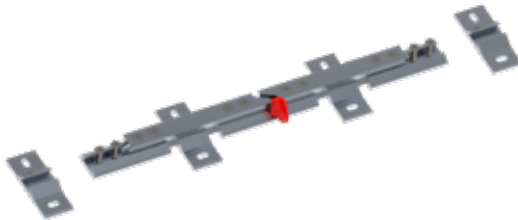
## X-RAIL 45 DEGREE FLOOR CORNER (SIDE FIX)



- 45 degree floor corner is used to redirect rail line around corner.

PRODUCT CODE: XRAIL-TR-032				2.500
Components	Description	Material	Qty	Weight
XRAIL-TR-107	Rail Corner, Bend 45 degrees (Floor Mounted)	Aluminium	1	0.814
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	4	0.219
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

## X-RAIL EXPANSION JOINT KIT (SIDE FIX)



- Expansion Joints offers a location where the line can expand or contract due to changes in the ambient temperature, preventing the rail for buckling.

PRODUCT CODE: XRAIL-TR-042				3.251
Components	Description	Material	Qty	Weight
XRAIL-TR-236	Expansion Joint	Aluminium	1	1.565
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	4	0.219
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405

## X-RAIL - JOINT KIT WITH INTERMEDIATE ANCHORS (SIDE FIX)



- Joint kit is designed to join straight rail lengths together.

PRODUCT CODE: XRAIL-TR-022				0.843
Components	Description	Material	Qty	Weight
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	2	0.219

## X-RAIL INTERMEDIATE GATE, SHUTTLE ENTRY/EXIT KIT (SIDE FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the system.

PRODUCT CODE: XRAIL-TR-GATE.INT.KITSF				4.036
Components	Description	Material	Qty	Weight
XRAIL-TR-GATE.INT	Intermediate Gate for Shuttle entry/exit	Aluminium	1	2.070
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	2	0.978

## X-RAIL END GATE, SHUTTLE ENTRY/EXIT KIT (SIDE FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the end of the system.

PRODUCT CODE: XRAIL-TR-GATE.KITSF				2.662
Components	Description	Material	Qty	Weight
XRAIL-TR-GATE	End Gate for Shuttle entry/exit	Aluminium	1	1.279
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-203	End Bracket (Side Fix)	Aluminium	1	0.978

# X-Rail OVERHEAD BEAM MOUNTED CONCEALED



## FLANGED BEAM MOUNTED RAIL (Concealed Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection OVERHEAD system on flanged beams like universal beams and columns and fabricated sections with one or multiple mobile anchor points for attaching to.

### SHUTTLES FOR BEAMLINKCONCEALED FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR BEAMLINK CONCEALED FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
BEAMLINK001.160	BeamLink to suit Flange upto 160mm	5.736
BEAMLINK001.210	BeamLink to suit Flange upto 210mm	5.884
BEAMLINK001.285	BeamLink to suit Flange upto 285mm	6.122
BEAMLINK001.385	BeamLink to suit Flange upto 385mm	6.418

### X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

#### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

### X-RAIL END & INTERMEDIATE



- End and Intermediate for BeamLink X-Rail.

#### PRODUCT CODE: XRAIL-TR-201+BEAM\_FIXINGS

0.183

Components	Description	Material	Qty	Weight
XRAIL-TR-201	End & Intermediate Anchor	Aluminium	1	0.115
SCREW SKT-M12x45mm 316	Socket Head Countersunk Screw M12x45mm	316SS	1	0.045
WASHER M12_316	Washer: M12	316SS	1	0.003
WASHER M12_Spring_316	Spring Washer: M12	316SS	1	0.004
NUT M12_316	Nut: M12	316SS	1	0.016

### X-RAIL JOINT (CONCEALED FIX)



- Join kit is designed to join straight rail lengths together.

#### PRODUCT CODE: XRAIL-TR-002

0.635

Components	Description	Material	Qty	Weight
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405

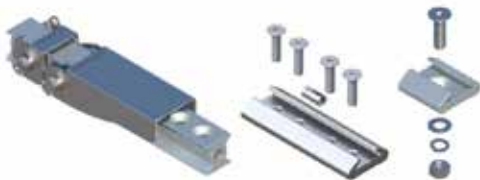
### X-RAIL END KIT (CONCEALED FIX)



- System termination kit is installed at the end of the system and is designed to stop the rail sliding out on BeamLink X-Rail.

PRODUCT CODE: XRAIL-TR-041+BEAM_FIXINGS					1.228
Components	Description	Material	Qty	Weight	
XRAIL-TR-201 +BEAM_FIXINGS	End & Intermediate Anchor	Aluminium	1	0.183	
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115	
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188	
XRAIL-TR-213	End Cap	Plastic	1	0.405	

### X-RAIL END KIT (CONCEALED FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the system.

PRODUCT CODE: XRAIL-TR-GATE.KITCF+BEAM_FIXING					1.867
Components	Description	Material	Qty	Weight	
XRAIL-TR-GATE	Gate for Shuttle entry/exit	Aluminium	1	1.279	
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405	
XRAIL-TR-201 +BEAM_FIXINGS	End & Intermediate Anchor	Aluminium	1	0.183	

### BEAMLINK - 160mm (CONCEALED FIX)



- Structural flanged beam size upto 160mm.

PRODUCT CODE: BEAMLINK001.160					5.736
Components	Description	Material	Qty	Weight	
NUT M24_GAL	Nut: M24	Galvanized	4	0.179	
WASHER M24_GAL	Washer: M24	Galvanized	2	0.034	
BEAMLINK001.01	BeamLink Clamp End	Galvanized	2	1.923	
WASHER M12_SHOULDER_NYLON	Washer: M12 Shoulder	Nylon	4	0.002	
ROD-per metre M24-GAL	Threaded Rod: M24	Galvanized	0.37	1.098	

### BEAMLINK - 210mm (CONCEALED FIX)



- Structural flanged beam size upto 210mm.

PRODUCT CODE: BEAMLINK001.210					5.884
Components	Description	Material	Qty	Weight	
NUT M24_GAL	Nut: M24	Galvanized	4	0.179	
WASHER M24_GAL	Washer: M24	Galvanized	2	0.034	
BEAMLINK001.01	BeamLink Clamp End	Galvanized	2	1.923	
WASHER M12_SHOULDER_NYLON	Washer: M12 Shoulder	Nylon	4	0.002	
ROD-per metre M24-GAL	Threaded Rod: M24	Galvanized	0.42	1.246	

### BEAMLINK - 285mm (CONCEALED FIX)



- Structural flanged beam size upto 285mm.

PRODUCT CODE: BEAMLINK001.285					6.122
Components	Description	Material	Qty	Weight	
NUT M24_GAL	Nut: M24	Galvanized	4	0.179	
WASHER M24_GAL	Washer: M24	Galvanized	2	0.034	
BEAMLINK001.01	BeamLink Clamp End	Galvanized	2	1.923	
WASHER M12_SHOULDER_NYLON	Washer: M12 Shoulder	Nylon	4	0.002	
ROD-per metre M24-GAL	Threaded Rod: M24	Galvanized	0.50	1.484	

### BEAMLINK - 385mm (CONCEALED FIX)



- Structural flanged beam size upto 385mm.

PRODUCT CODE: BEAMLINK001.385					6.418
Components	Description	Material	Qty	Weight	
NUT M24_GAL	Nut: M24	Galvanized	4	0.179	
WASHER M24_GAL	Washer: M24	Galvanized	2	0.034	
BEAMLINK001.01	BeamLink Clamp End	Galvanized	2	1.923	
WASHER M12_SHOULDER_NYLON	Washer: M12 Shoulder	Nylon	4	0.002	
ROD-per metre M24-GAL	Threaded Rod: M24	Galvanized	0.60	1.780	

# X-Rail WALL MOUNTED CONCEALED FIX



## STEEL WALL MOUNTED RAIL (Concealed Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Steel Structures.

### SHUTTLES FOR CONCEALED FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR CONCEALED FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-043	Steel Fixing Kit	0.023
XRAIL-TR-907(OTS)	Rail Screw	0.009

## X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

## X-RAIL FIX FOR INTERMEDIATE & END (CONCEALED FIX)

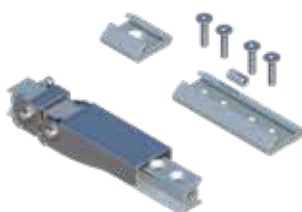


- Concealed fixing for End and Intermediate anchor.

### PRODUCT CODE: XRAIL-TR-201

Components	Description	Material	Qty	Weight
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115

## X-RAIL GATE, SHUTTLE ENTRY-EXIT KIT (CONCEALED FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and removed from the system.

### PRODUCT CODE: XRAIL-TR-GATE.KITCF

Components	Description	Material	Qty	Weight
XRAIL-TR-GATE	Gate for Shuttle entry/exit	Aluminium	1	1.279
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115

### X-RAIL 90 DEGREE EXTERNAL WALL CORNER KIT (CONCEALED FIX)

- 90 degree corner kit is used to redirect rail line on an external wall.



PRODUCT CODE: XRAIL-TR-023				10.609	
Components	Description	Material	Qty	Weight	
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	8	0.115	
XRAIL-TR-005	Rail Join Kit (Low Profile)	316SS	2	0.300	
XRAIL-TR-105	Rail Corner, 90 degrees (External Wall Mounted)	Aluminium	1	1.293	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-235	Jog Offset Bracket (Concealed Fix)	316SS	4	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	4	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	4	0.023	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL 45 DEGREE EXTERNAL WALL CORNER KIT (CONCEALED FIX)

- 45 degree corner kit is used to redirect rail line on an external wall.



PRODUCT CODE: XRAIL-TR-024				10.130	
Components	Description	Material	Qty	Weight	
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	8	0.115	
XRAIL-TR-005	Rail Join Kit (Low Profile)	316SS	2	0.300	
XRAIL-TR-108	Rail Corner, 45 degrees (External Wall Mounted)	Aluminium	1	0.814	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-235	Jog Offset Bracket (Concealed Fix)	316SS	4	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	4	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	4	0.023	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL 90 DEGREE INTERNAL WALL CORNER KIT (CONCEALED FIX)

- 90 degree corner kit is used to redirect rail line on an internal wall.



PRODUCT CODE: XRAIL-TR-035				6.093	
Components	Description	Material	Qty	Weight	
XRAIL-TR-201	Conceal Fix End and Intermediate Bracket	Aluminium	4	0.115	
XRAIL-TR-106	Rail Corner, 90 degrees (Internal Wall Mounted)	Aluminium	1	1.292	
XRAIL-TR-002	End & Intermediate Anchor (Concealed Fix)	Aluminium	2	0.405	

### X-RAIL 45 DEGREE INTERNAL WALL CORNER KIT (CONCEALED FIX)

- 45 degree corner kit is used to redirect rail line on an internal wall.



PRODUCT CODE: XRAIL-TR-036				4.181	
Components	Description	Material	Qty	Weight	
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	4	0.115	
XRAIL-TR-109	Rail Corner, 45 degrees (Internal Wall Mounted)	Aluminium	1	0.814	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL END KIT (CONCEALED FIX)

- System termination kit is installed at the end of the system and is designed to stop the rail and shuttle sliding out.



PRODUCT CODE: XRAIL-TR-041				1.228	
Components	Description	Material	Qty	Weight	
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	1	0.115	
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115	
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188	
XRAIL-TR-213	End Cap	Plastic	1	0.405	

### X-RAIL JOINT KIT WITH INTERMEDIATE & END ANCHORS (CONCEALED FIX)

- Join kit is designed to join straight rail lengths together.



PRODUCT CODE: XRAIL-TR-025				0.635	
Components	Description	Material	Qty	Weight	
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405	
XRAIL-TR-201	End & Intermediate Anchor (Concealed Fix)	Aluminium	2	0.115	



# WALL MOUNTED OFFSET FIX



## CONCRETE & STEEL WALL MOUNTED RAIL (Offset Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Concrete and Steel Structures. The X-Rail offers a horizontal Rigid Anchor Line with one or multiple Mobile Anchor Points for attaching to.

### SHUTTLES FOR OFFSET FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR OFFSET FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
ADAPTER M12-M16	M12 to M16 Thread Retrofit Adapter	0.026
CON-M12x160-DONUT	Anchor Rod Kit_ M12x160mm	0.137
CON-CHEM-FISV.300	FIS V 300ml Cartridge	0.803
XRAIL-TR-012	Steel Fixing Kit	0.102
XRAIL-TR-043	Steel Fixing Kit	0.023

### TOOLS FOR OFFSET FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-401	X-Rail Drill Bit to suit TR-101, TR102	0.130
XRAIL-TR-402	X-Rail Onsite Drill Fixture	0.492
XRAIL-TR-WARN	X-Rail Warning Sign	0.085

## X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

## X-RAIL GATE, SHUTTLE ENTRY-EXIT KIT (OFFSET FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the system.

### PRODUCT CODE: XRAIL-TR-GATE.KITOF

2.662

Components	Description	Material	Qty	Weight
XRAIL-TR-GATE	Gate for Shuttle entry/exit	Aluminium	1	1.279
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405
XRAIL-TR-230	Intermediate and End Bracket (Offset Fix)	Aluminium	1	0.978

### X-RAIL INTERMEDIATE JOIN KIT (OFFSET FIX)



- Intermediate join kit is used to join horizontal wall mounted rail systems.

PRODUCT CODE: XRAIL-TR-051					2.361
Components	Description	Material	Qty	Weight	
XRAIL-TR-230	Rail Intermediate Bracket (Offset Fix)	Aluminium	2	0.978	
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405	

### X-RAIL END KIT



- X-RAIL** end kit is used to cap off end of rail line.

PRODUCT CODE: XRAIL-TR-052					3.458
Components	Description	Material	Qty	Weight	
XRAIL-TR-230	Intermediate and End Bracket (Offset Fix)	Aluminium	1	0.978	
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115	
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188	
XRAIL-TR-213	Rail End Cap	Aluminium	1	0.012	

### X-RAIL 90 DEGREE WALL MOUNTED EXTERNAL CORNER KIT (OFFSET FIX)



- 90 Degree corner kit is used to redirect wall mounted horizontal rail systems.

PRODUCT CODE: XRAIL-TR-053					10.693
Components	Description	Material	Qty	Weight	
XRAIL-TR-231	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-907(OTS)	M10 x 40 Countersunk Cap Screw	Aluminum	16	0.009	
XRAIL-TR-212	Rail Join Dowel	316SS	4	0.150	
XRAIL-TR-105	Rail Corner, 90 degrees (External Wall Mounted)	Aluminium	1	1.293	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-232	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-234	External Corner Bracket (Offset Fix)	Aluminium	2	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	4	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	4	0.023	

### X-RAIL 45 DEGREE WALL MOUNTED EXTERNAL CORNER KIT (OFFSET FIX)



- 45 Degree corner kit is used to redirect wall mounted horizontal rail systems.

PRODUCT CODE: XRAIL-TR-054					10.214
Components	Description	Material	Qty	Weight	
XRAIL-TR-231	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-907(OTS)	M10 x 40 Countersunk Cap Screw	Aluminum	16	0.009	
XRAIL-TR-212	Rail Join Dowel	316SS	4	0.150	
XRAIL-TR-108	Rail Corner, 45 degrees (External Wall Mounted)	Aluminium	1	0.814	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-232	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-234	External Corner Bracket (Offset Fix)	Aluminium	2	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	4	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	4	0.023	

### X-RAIL 90 DEGREE WALL MOUNTED INTERNAL CORNER KIT (OFFSET FIX)



- 90 Degree corner kit is used to redirect wall mounted horizontal rail systems.

PRODUCT CODE: XRAIL-TR-056					3.621
Components	Description	Material	Qty	Weight	
XRAIL-TR-231	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-907(OTS)	M10 x 40 Countersunk Cap Screw	Aluminum	8	0.009	
XRAIL-TR-212	Rail Join Dowel	316SS	2	0.150	
XRAIL-TR-106	Rail Corner, 90 degrees (Internal Wall Mounted)	Aluminium	1	1.293	

### X-RAIL 45 DEGREE WALL MOUNTED INTERNAL CORNER KIT (OFFSET FIX)



- 45 Degree corner kit is used to redirect wall mounted horizontal rail systems.

PRODUCT CODE: XRAIL-TR-057					3.142
Components	Description	Material	Qty	Weight	
XRAIL-TR-231	Rail Intermediate Join Bracket (Offside Fix)	Aluminium	2	0.978	
XRAIL-TR-907(OTS)	M10 x 40 Countersunk Cap Screw	Aluminum	8	0.009	
XRAIL-TR-212	Rail Join Dowel	316SS	2	0.150	
XRAIL-TR-109	Rail Corner, 45 degrees (Internal Wall Mounted)	Aluminium	1	0.814	

# X-Rail WALL MOUNTED SIDE FIX



## CONCRETE & STEEL WALL MOUNTED RAIL (Side Fixings)

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Concrete and Steel Structures. The X-Rail offers a Horizontal Rigid Anchor Line with one or multiple Mobile Anchor Points for attaching to.

The X-Rail can be installed in three orientations; Overhead, Wall and Floor. Components listed for Wall.

### FIXINGS FOR SIDE FIX RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
CON-M12x160-DONUT	Anchor Rod Kit_ M12x160mm	0.137
CON-CHEM-FISV.300	FIS V 300ml Cartridge	0.803
XRAIL-TR-012	Steel Fixing Kit	0.102
ADAPTER M12-M16	M12 to M16 Thread Retrofit Adapter	0.026

### X-RAIL RAIL



- 3, 5 and 6 metre aluminium rail is used to extend rail line to required length.

#### PRODUCT CODE: XRAIL-TR-101-3M, 5M OR 6M

Components	Description	Material	Qty	Weight
XRAIL-TR-101-6M	Rail Length 6 metres	Aluminium	1	11.870
XRAIL-TR-101-5M	Rail Length 5 metres	Aluminium	1	9.890
XRAIL-TR-101-3M	Rail Length 3 metres	Aluminium	1	5.937

### X-RAIL JOINT KIT WITH INTERMEDIATE ANCHORS (SIDE FIX)



- Join kit is designed to join straight rail lengths together.

#### PRODUCT CODE: XRAIL-TR-022

Components	Description	Material	Qty	Weight
XRAIL-TR-002	Rail Join Kit (Side Fix)	Aluminium	1	0.405
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	2	0.219

### X-RAIL INTERMEDIATE BRACKET (SIDE FIX)



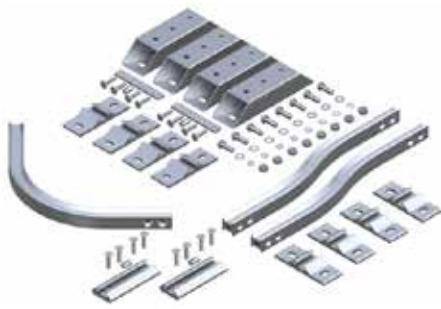
- Intermediate bracket is used for both concrete and steel mounted systems.

#### PRODUCT CODE: XRAIL-TR-204

Components	Description	Material	Qty	Weight
XRAIL-TR-204	Intermediate Anchor (Side Fix)	Aluminium	1	0.219



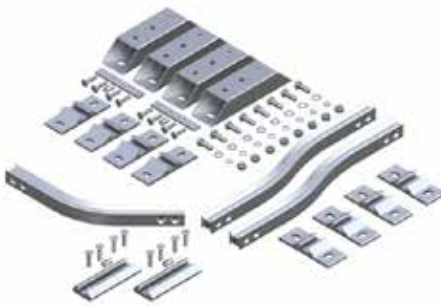
### X-RAIL 90 DEGREE EXTERNAL WALL CORNER KIT (SIDE FIX)



- 90 degree corner kit is used to redirect rail line on an external wall.

PRODUCT CODE: XRAIL-TR-020					11.701
Components	Description	Material	Qty	Weight	
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	8	0.219	
XRAIL-TR-005	Rail Join Kit (Low Profile)	316SS	2	0.300	
XRAIL-TR-105	Rail Corner, 90 degrees (External Wall Mounted)	Aluminium	1	1.293	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-216	Jog Offset Bracket (Side Fix)	316SS	4	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	8	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	8	0.023	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL 45 DEGREE EXTERNAL WALL CORNER KIT (SIDE FIX)



- 45 degree corner kit is used to redirect rail line on an external wall.

PRODUCT CODE: XRAIL-TR-021					11.222
Components	Description	Material	Qty	Weight	
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	8	0.219	
XRAIL-TR-005	Rail Join Kit (Low Profile)	316SS	2	0.300	
XRAIL-TR-108	Rail Corner, 45 degrees (External Wall Mounted)	Aluminium	1	0.814	
XRAIL-TR-110	Standard Rail Corner, Bend JOG	Aluminium	2	1.121	
XRAIL-TR-216	Jog Offset Bracket (Side Fix)	316SS	4	1.121	
BOLT-M12x35mm-SS	M12 x 35mm Bolt	316SS	8	0.042	
FASTENERS M12	M12 Nut, Washer, Spring Washer	316SS	8	0.023	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL 90 DEGREE INTERNAL WALL CORNER KIT (SIDE FIX)



- 90 degree corner kit is used to redirect rail line on an external wall.

PRODUCT CODE: XRAIL-TR-028					6.197
Components	Description	Material	Qty	Weight	
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	4	0.219	
XRAIL-TR-106	Rail Corner, 90 degrees (Internal Wall Mounted)	Aluminium	1	1.292	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

### X-RAIL 45 DEGREE INTERNAL WALL CORNER KIT (SIDE FIX)



- 45 degree corner kit is used to redirect rail line on an external wall.

PRODUCT CODE: XRAIL-TR-029					4.285
Components	Description	Material	Qty	Weight	
XRAIL-TR-204	Intermediate Bracket (Side Fix)	Aluminium	4	0.219	
XRAIL-TR-109	Rail Corner, 45 degrees (Internal Wall Mounted)	Aluminium	1	0.814	
XRAIL-TR-002	Rail Join Kit	Aluminium	2	0.405	

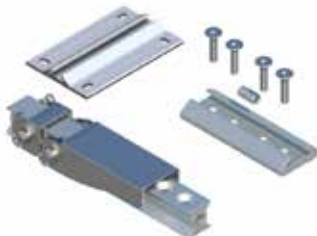
### X-RAIL END KIT (SIDE FIX)



- System termination kit is installed at the end of the system and is designed to stop the rail sliding out.

PRODUCT CODE: XRAIL-TR-034					0.291
Components	Description	Material	Qty	Weight	
XRAIL-TR-203	End Bracket (Side Fix)	Aluminium	1	0.978	
XRAIL-TR-006	Shuttle Stop	Aluminium	1	0.115	
XRAIL-TR-008	System Termination Kit	Aluminium	1	0.188	
XRAIL-TR-213	End Cap	Plastic	1	0.405	

### X-RAIL GATE, SHUTTLE ENTRY-EXIT KIT (SIDE FIX)



- The Shuttle Entry/Exit Gate offers a location on the Rigid Anchor Line where shuttles can be loaded and unloaded from the system.

PRODUCT CODE: XRAIL-TR-GATE.KITSF					2.662
Components	Description	Material	Qty	Weight	
XRAIL-TR-GATE	Gate for Shuttle entry/exit	Aluminium	1	1.279	
XRAIL-TR-002	Rail Join Kit	Aluminium	1	0.405	
XRAIL-TR-203	End Bracket (Side Fix)	Aluminium	1	0.978	

# X-Rail SURFACE MOUNT



## METAL SHEET SURFACE MOUNTED RAIL

The SafetyLink X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on metal roof sheets.

The X-Rail offers a horizontal Rigid Anchor Line with one or multiple Mobile Anchor Points for attaching to.

### SHUTTLES FOR SURFACE MOUNTED RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-011	X-Rail Shuttle	0.770
XRAIL-TR-018	X-Rail Shuttle - ABSEIL ONLY (Two Shuttles Per User)	0.733

### FIXINGS FOR SURFACE MOUNTED RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
S5_Z_BRACKET	Standing Seam S-5 Z Clamp	0.217
S5_S_BRACKET	Standing Seam S-5 S Clamp	0.177
RIVET-8MM+FOAM	Tri-fold Rivet: 8mm (Green Seal) with 40 x 40 EPDM Foam Tape	0.008

### TOOLS FOR SURFACE MOUNTED RAIL SYSTEM (refer to Fixings/Accessories Page)

Product Code	Description	Weight (kg)
XRAIL-TR-401	X-Rail Drill Bit to suit TR-101, TR102	0.130
XRAIL-TR-402	X-Rail Onsite Drill Fixture	0.492
XRAIL-TR-WARN	X-Rail Warning Sign	0.085

## X-RAIL SURFACE MOUNTED RAIL



- 3 metre aluminium rail is used to extend rail line to required length.

### PRODUCT CODE: XRAIL-TR-102-3M

Components	Description	Material	Qty	Weight
XRAIL-TR-102-3M	Rail Length 3 metres	Aluminium	1	10.248

## X-RAIL END CAP



- End cap is used to cap off end of rail line.

### PRODUCT CODE: XRAIL-TR-213

Components	Description	Material	Qty	Weight
XRAIL-TR-213	End Cap	Plastic	1	0.012

## X-RAIL SURFACE MOUNTED CROSS PLATE



- Cross plate is required when installing rail along the roof line.

### PRODUCT CODE: XRAIL-TR-210

Components	Description	Material	Qty	Weight
XRAIL-TR-210-300	Surface Mounted Plate 300mm	Aluminium	1	0.388
XRAIL-TR-210-400	Surface Mounted Plate 400mm	Aluminium	1	0.518
XRAIL-TR-210-500	Surface Mounted Plate 500mm	Aluminium	1	0.647
XRAIL-TR-210-600	Surface Mounted Plate 600mm	Aluminium	1	0.776

## X-RAIL SURFACE MOUNTED CROSS PLATE (STANDING SEAM PROFILES)



- Cross Plates for Standing Seam roof profiles.

### PRODUCT CODE: See Below

Components	Description	Material	Qty	Weight
XRAIL-TR-210-50-SS	Standing Seam Cross Plate 630mm (Height 50mm)	Aluminium	1	1.076
XRAIL-TR-210-70-SS	Standing Seam Cross Plate 630mm (Height 70mm)	Aluminium	1	1.076

## X-RAIL 90 DEGREE FLOOR CORNER

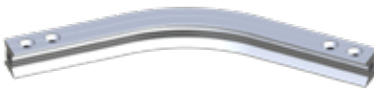


- 90 degree floor corner is used to redirect rail line around corner.

### PRODUCT CODE: XRAIL-TR-104

Components	Description	Material	Qty	Weight
XRAIL-TR-104	Rail Corner, Bend 90 degrees (Floor Mounted)	Aluminium	1	1.292

## X-RAIL 45 DEGREE FLOOR CORNER



- 45 degree floor corner is used to redirect rail line around corner.

### PRODUCT CODE: XRAIL-TR-107

Components	Description	Material	Qty	Weight
XRAIL-TR-107	Rail Corner, Bend 45 degrees (Floor Mounted)	Aluminium	1	0.814

## X-RAIL GATE



- X-Rail Gate: entry/exit for shuttle.

### PRODUCT CODE: XRAIL-TR-GATE.KITSM

Components	Description	Material	Qty	Weight
XRAIL-TR-GATE-SURFACE	XRAIL Surface Gate, Shuttle Entry-Exit	Aluminium	1	5.400
XRAIL-TR-005	Rail Join Kit (Concealed)	316SS	1	0.300

## X-RAIL RAIL JOIN KIT (LOW PROFILE)



- Joiner kit concealed version is designed to join straight rail lengths together but remain hidden from sight.

### PRODUCT CODE: XRAIL-TR-005

Components	Description	Material	Qty	Weight
XRAIL-TR-211	Rail Connector	316SS	1	0.114
XRAIL-TR-907(OTS)	M10 x 40 Countersunk Cap Screw	316SS	4	0.009
XRAIL-TR-212	Rail Dowel	Aluminium	1	0.150

## X-RAIL SHUTTLE STOP



- Shuttle stop is designed to stop the shuttle from being removed.

### PRODUCT CODE: XRAIL-TR-006

Components	Description	Material	Qty	Weight
XRAIL-TR-006	Shuttle Stop	Aluminium	1	Set Only
SCREW CAP M10X30	Screw: M10 x 30mm Button Head Cap	316SS	1	Set Only
WASHER M10_316	Washer: M10	316SS	1	Set Only

# X-Rail FIXINGS & ACCESSORIES



## X-RAIL CONCRETE STUD FIXING KIT



- Concrete stud fixings are used for fixing rail line to concrete structures.

PRODUCT CODE: CON-M12X160-XDONUT					0.143
Components	Description	Material	Qty	Weight	
ROD-M12x160	Anchor Rod M12 x 160mm	316SS	1	0.200	
NUT M12 XRAIL DONUT	M12 XRAIL Donut	316SS	1	0.028	
WASHER M12 Spring_316	M12 Spring Washer	316SS	1	0.011	
WASHER M12_316	M12 Washer	316SS	1	0.029	

## X-RAIL STEEL FIXING KIT



- Steel fixing kit is used for fixing rail line to steel structures.

PRODUCT CODE: XRAIL-TR-012					0.076
Components	Description	Material	Qty	Weight	
BOLT-M12x50mm-SS	M12 x 50mm Bolt ***TO BE CONFIRMED	316SS	1	0.053	
NUT M12_316	M12 Nut	316SS	1	0.016	
WASHER M12 Spring_316	M12 Spring Washer	316SS	1	0.004	
WASHER M12_316	M12 Washer	316SS	1	0.003	

## X-RAIL STEEL FIXING KIT (CONCEALED FIX)



- Steel fixing kit is used for fixing rail line to steel structures.

PRODUCT CODE: XRAIL-TR-043					0.061
Components	Description	Material	Qty	Weight	
SCREW SKT-M12x40mm 316	Sockethead Countersunk Screw M12 x 40mm	316SS	1	0.048	
NUT M12_316	M12 Nut	316SS	1	0.016	
WASHER M12 Spring_316	M12 Spring Washer	316SS	1	0.004	
WASHER M12_316	M12 Washer	316SS	1	0.003	

## X-RAIL SURFACE MOUNT FIXING KIT



- Surface mounted fixings are used for fixing rail line to metal roof sheets.

**PRODUCT CODE: RIVET-8MM+FOAM** 0.008

Components	Description	Material	Qty	Weight
RIVET_8mm(27.7)	Rivet: 8mm Tri-fold	Aluminium	1	0.007
FOAM-TAPE-SQUARE	40 x 40 EPDM Foam Tape	Foam	1	0.001

## X-RAIL STANDING SEAM S5-Z CLAMPS



- S5-Z Clamps are used for fixing rail line to standing seam roof sheets.

**PRODUCT CODE: S5\_Z\_BRACKET**

Components	Description	Material	Qty	Weight
S5_Z_BRACKET	S-5 Z Clamp (Clamp, Insert, Bolt, 2 Setscrews)	Aluminium	1	0.217

## X-RAIL STANDING SEAM S5-S CLAMPS



- S5-S Clamps are used for fixing rail line to standing seam roof sheets.

**PRODUCT CODE: S5\_S\_BRACKET**

Components	Description	Material	Qty	Weight
S5_S_BRACKET	S-5 S Clamp (Clamp, Bolt, 2 x Setscrews)	Aluminium	1	0.177

## X-RAIL STEELINK BLIND FASTENER - M12 HEX 70.15 (X-RAIL CF FIXING)



- SteelLink Blind Fasteners are used for concealed fixing rail line to steel structures.

**PRODUCT CODE: STEELINK-M12.SKT.70.15** 0.112

Components	Description	Material	Qty	Weight
SCREW SKT-M12x70mm 316	Bolt: M12x70mm Socket Head Countersunk	316SS	1	0.059
STEELINK-M12.01	End Cap: SteelLink M12	316SS	1	0.020
STEELINK-M12.02	Base Cap: SteelLink M12	316SS	1	0.033

## X-RAIL ADAPTER M12-M16



- X-RAIL** M12 to M16 Thread Retrofit Adapter.

**PRODUCT CODE: ADAPTER M12-M16**

Components	Description	Material	Qty	Weight
ADAPTER M12-M16	M12 to M16 Threaded Retrofit Adapter	316SS	1	0.026

## CONCRETE STUD ADHESIVE



- Fischer FIS V 300T Injection Mortar is the ideal chemical adhesive to use when installing SafetyLink height safety systems.
- The injection cartridge is for use with a standard caulking gun.
- Partially used cartridges can be re-used by changing the mixing nozzle.

**PRODUCT CODE: CON-CHEM-FISV.300**

Components	Description	Material	Qty	Weight
CON-CHEM-FISV.300.01	Concrete FIS V 300ml Cartridge	Mortar	1	0.603
CON-CHEM-FISMR	Static Mixer FIS MR	Plastic	2	0.010

# X-Rail SHUTTLES & ACCESSORIES



## X-RAIL DRILL ON-SITE FIXTURE



- **X-RAIL** on-site drill fixture.

### PRODUCT CODE: XRAIL-TR-402

Components	Description	Material	Qty	Weight
XRAIL-TR-402	XRAIL On-site Drill Fixture	Metal	1	0.492

## X-RAIL DRILL BIT



- Rail drill bit is used to drill holes in required location for rail line.

### PRODUCT CODE: XRAIL-TR-401

Components	Description	Material	Qty	Weight
XRAIL-TR-401	Drill Bit	HSS	1	0.130

## CONCRETE PULL TEST ADAPTER



- Concrete pull test adapter is used to pull test concrete fixings on rail line.

### PRODUCT CODE: DONUTLINK-ADP

Components	Description	Material	Qty	Weight
DONUTLINK-ADP	DonutLink Adapter	Hardened/Tempered Steel	1	0.550

### X-RAIL SHUTTLE



- The X-Rail shuttle allows for seamless movement along X-Rail Rigid Anchor Line.
- X-Rail Shuttle is used for Fall Arrest and Abseiling.
- X-Rail Shuttle is tested for 15kN, rated for one user.
- X-Rail Shuttle is tested to work in a multitude of directions, see installation guides for area of use.
- X-Rail Shuttle comes with stopper to maintain shuttle position stable during abseiling.
- The X-Rail Shuttle is compliant with AS/NZS 1891.2, EN795:2012 and PD CEN/TS 16415:2013.

**PRODUCT CODE: XRAIL-TR-011**

Components	Description	Material	Qty	Weight
XRAIL-TR-011	Shuttle	Aluminium/316SS	1	0.770

### X-RAIL SHUTTLE



- The X-Rail shuttle allows for seamless movement along X-Rail Rigid Anchor Line.
- X-Rail Shuttle is used for Fall Arrest.
- X-Rail Shuttle is tested for 15kN, rated for one user.
- X-Rail Shuttle is tested to work in a multitude of directions, see installation guides for area of use.
- The X-Rail Shuttle is compliant with AS/NZS 1891.2, EN795:2012 and PD CEN/TS 16415:2013.

**PRODUCT CODE: XRAIL-TR-017**

Components	Description	Material	Qty	Weight
XRAIL-TR-017	Abseil Shuttle	Aluminium/316SS	1	0.733

### X-RAIL ABSEIL SHUTTLE



- The X-Rail shuttle allows for seamless movement along X-Rail Rigid Anchor Line.
- X-Rail Shuttle is used for Fall Arrest and Abseiling.
- X-Rail Shuttle is tested for 15kN, rated for one user.
- X-Rail Shuttle is tested to work in a multitude of directions, see installation guides for area of use.
- The X-Rail Shuttle is compliant with AS/NZS 1891.2, EN795:2012 and PD CEN/TS 16415:2013.

**PRODUCT CODE: XRAIL-TR-017A**

Components	Description	Material	Qty	Weight
XRAIL-TR-017A	XRAIL Ultra Shuttle - Universal - Abseil	Aluminium/316SS	1	0.733

### X-RAIL WARNING SIGN

X-RAIL HORIZONTAL RIGID ANCHOR LINE	
NUMBER OF USERS	<input type="checkbox"/> 1x <input checked="" type="checkbox"/> 2x <input type="checkbox"/> 3x <input type="checkbox"/> 4x
SYSTEM USE	<input type="checkbox"/> Fall Arrest <input type="checkbox"/> Abseil
INSTALLED DATE	/ / 2000
STANDARDS	EN795:2012 CEN/TS 16415:2013 AS/NZS 1891.2:2009
<b>1x</b>	
ONLY EVER CONNECT 1 USER TO EACH SHUTTLE	
<b>INSPECTION RECORD</b>	
1	/ / 2000
2	/ / 2000
3	/ / 2000
4	/ / 2000
5	/ / 2000

- X-Rail Warning entry sign.

**PRODUCT CODE: XRAIL-TR-WARN**

Components	Description	Material	Qty	Weight
XRAIL-TR-WARN	Warning Sign	Aluminium	1	0.180



The SafetyLink ULTRA X-Rail is a Rigid Anchor Line suitable for use as part of a personal fall protection system on Concrete and Steel Structures. The X-Rail offers a Horizontal Rigid Anchor Line with one or multiple Mobile Anchor Points for attaching to.

The X-Rail can be installed Overhead.

## X-RAIL ULTRA - ALUMINIUM RAIL



- 6 metre aluminium rail is used to extend rail line to required length.

Product Code	Description	Material	Qty
XRAIL-U-PRO-6M.T6	X-RAIL Ultra Rail Profile T6	Aluminium	1

## X-RAIL ULTRA - CONCEALED PROFILE



- Concealed profile is used to conceal the rail line overhead.

Product Code	Description	Material	Qty
XRAIL-U-CON-6M.T5	X-RAIL Ultra Concealed Profile	Aluminium	1

## X-RAIL ULTRA - CONCEALED KIT



- 6 metre aluminium rail is used to extend rail line to required length with;
- Concealed profile is used to conceal the rail line overhead.

### PRODUCT CODE: XRAIL-U-101.6M.KIT

Components	Description	Material	Qty
XRAIL-U-PRO-6M.T6	X-RAIL Ultra Concealed Kit 6M	Aluminium	1
XRAIL-U-CON-6M.T5	X-RAIL Ultra Conceal Rail Side x 6M (*NIL Anodised)	Aluminium	2
SCREW 12-14x20mm	Screw: 12-14 x 20mm Self Tapping	Aluminium	40

## X-RAIL ULTRA - WALL MOUNTED INTERMEDIATE & END BRACKET



- Wall mounted End and Intermediate bracket is used to hold rail into place.

Product Code	Description	Material	Qty
XRAIL-U-WL-BRACKET	X-RAIL Ultra Wall Mounted Intermediate & End Bracket	Aluminium	1



### X-RAIL ULTRA - JOIN KIT



- X-Rail Ultra Join Kit is used to connect rail lengths together.

Product Code	Description	Material	Qty
XRAIL-U-JOIN	X-RAIL Ultra Join	Aluminium	1

### X-RAIL ULTRA - MID SPAN GATE KIT



- X-Rail Ultra middle span gate offers a location on the rail line where shuttles can be loaded and unloaded from the system.

Product Code	Description	Material	Qty
XRAIL-U-GATE_MID	X-RAIL Ultra Mid Span Gate Kit	Aluminium	1

### X-RAIL ULTRA - END SPAN GATE KIT



- X-Rail Ultra end gate offers a location on the end of the rail line where shuttles can be loaded and unloaded from the system.

Product Code	Description	Material	Qty
XRAIL-U-GATE_END	X-RAIL Ultra End Span Gate Kit	Aluminium	1

### X-RAIL ULTRA - END STOP



- X-Rail Ultra End Stop is used to terminate the rail system at the end of the line.

Product Code	Description	Material	Qty
XRAIL-U-END	X-RAIL Ultra End Stop	Aluminium	1

### X-RAIL ULTRA - OVERHEAD BRACKET



- X-Rail Ultra Overhead Bracket is used to hold the rail into place.

Product Code	Description	Material	Qty
XRAIL-U-OH-BRACKET	X-RAIL Ultra Overhead Fixed Bracket Kit	Aluminium	1

### X-RAIL ULTRA - CAST-IN SOCKET KIT



- X-Rail Ultra Cast-in Sockets for installation prior to pouring concrete.

Product Code	Description	Material	Qty
XRAIL-U-CAST	X-RAIL Ultra Cast-In Socket Kit	Aluminium	1

### X-RAIL ULTRA - SUSPENSION ASSEMBLY



- X-Rail Ultra suspension assemblies are used to suspend rail from overhead.

Product Code	Description	Material	Qty
XRAIL-U-SUSP.500	X-RAIL Ultra Suspension Assembly, 500mm	Aluminium	1
XRAIL-U-SUSP.1000	X-RAIL Ultra Suspension Assembly, 1000mm	Aluminium	1

# *‘Innovative Fall Protection’*

SafetyLink's patented ladder stabilisers are an essential entry point to any height safety system.

The LadderLink stabilises your ladder preventing sideways movement and therefore holding your ladder safely in place and protecting the worker.

The Fixed LadderLink has been manufactured from marine grade aluminum, a durable light weight product for ease of installation.

SafetyLink have finished this product off with a protective membrane in the form of a powder coat finish, this ensures your product is ready for any additional colouring you would like to apply.



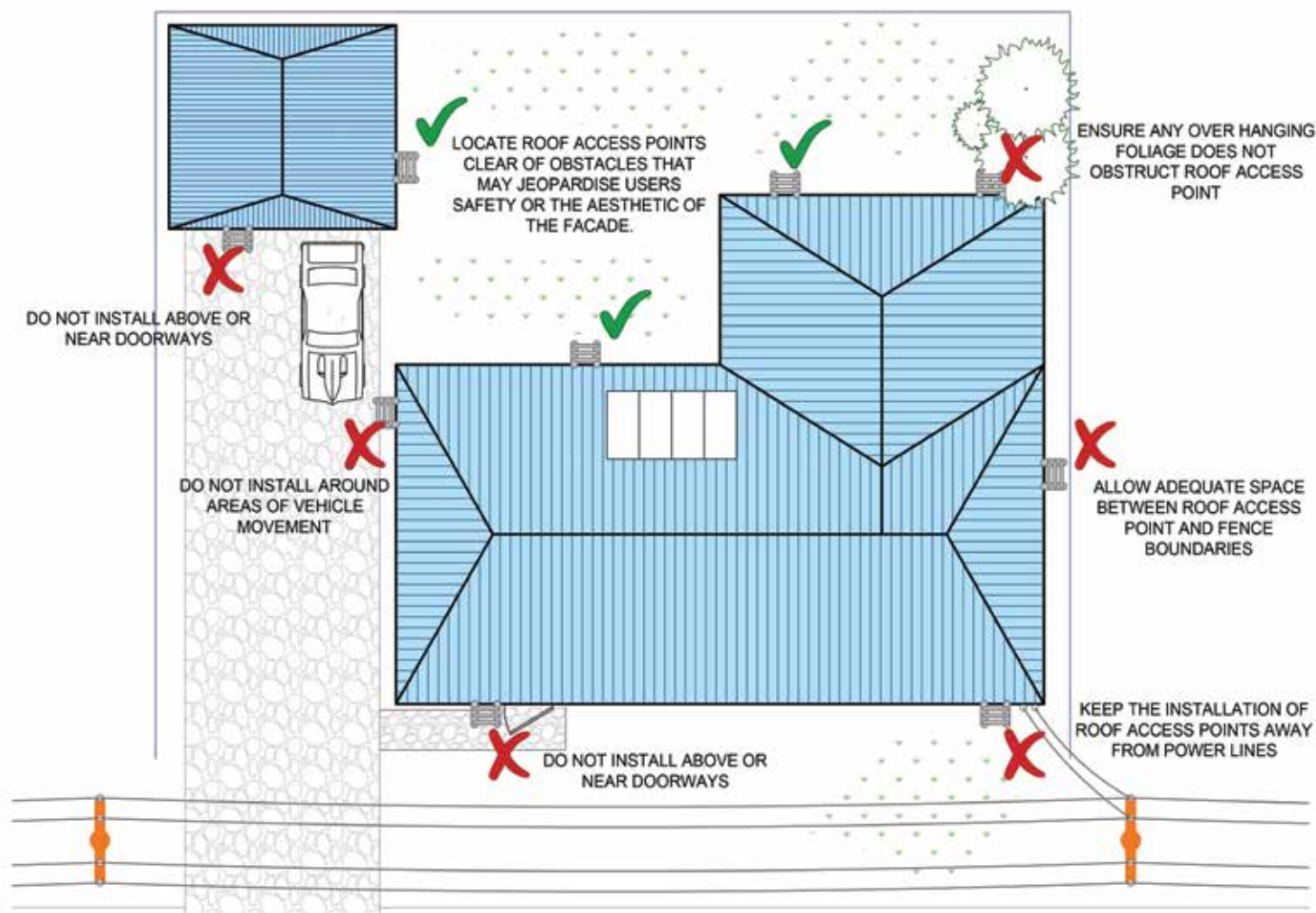
LadderLink Installation Video  
on Tile Roof



LadderLink Installation Video  
on Metal Roof

# Roof





# Access

SafetyLink manufactures Height Safety Anchor and Lifeline systems which provide restraint and fall arrest safety for all buildings and industrial sites, from a series of anchor points to a complete network of systems for maintenance, cleaning, access and inspections where working at heights.

In order to complete your height safety system SafetyLink stock:

- 📍 Ladder stabiliser brackets with ladder strap.
- 📍 Certification labels for individual anchor points.
- 📍 Warning signs with essential entry point information, providing dates of installation and certification of the height safety system.
- 📍 First man up strops.

# LADDER ACCESS BRACKETS



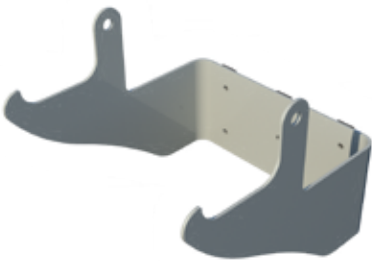
## Ladder Strap



- The Ladder Restraint Strap is to be used in conjunction with SafetyLink's Fixed LadderLink.
- Secure your ladder to the Fixed LadderLink ensuring the strap is tensioned and installed under the support cradle to prevent tripping hazards.
- WARNING: Not suitable for permanent outdoor installation.

Product Code	Description	Material	Qty	Weight (kg)
LADFX009	Ladder Strap	Webbing	1	0.210

## LadderLink (Fascia Mounted)



- Fascia mounted ladder bracket.
- Quick and easy installation.
- Essential entry point system to stabilise your ladder stopping sideways movement and therefore holding the ladder in place safely.
- In addition the LadderLink bracket has two tie off points to aid in securing the ladder in position.

Product Code	Description	Material	Qty	Weight (kg)
LADFX008	LadderLink: Fascia Mounted	*MGA	1	1.046

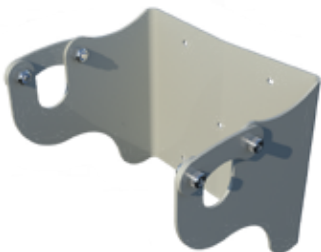
## LadderLink (Parapet)



- Parapet mounted ladder bracket, fixes directly onto parapet.
- In addition the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Secure with a minimum of four appropriate fixings, see manual.

Product Code	Description	Material	Qty	Weight (kg)
LADFX010	Fixed LadderLink: Parapet Mounted	*MGA	1	2.290

## LadderLink (Pole Mounted)



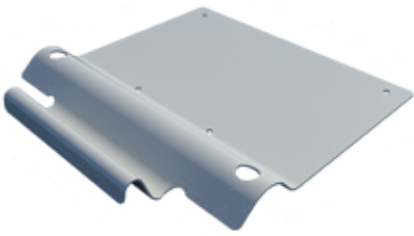
- Designed to be mounted to poles or trees, with five fixing holes for screws.
- Eliminating ladder slippage on the pole.
- Comes with two optional ladder rung retaining saddles to permanently fit ladder to pole so ladder can be raised to restrict access if desired.
- 30cm wide x 25cm high x 25cm deep.

Product Code	Description	Material	Qty	Weight (kg)
LADFX006	Ladder Pole Bracket	*MGA	1	2.000

- Essential entry point system to any height safety system, quick and easy installation.
- LadderLink stabilises your ladder preventing sideways movement and therefore holding your ladder in place.
- Adjusting the pitch of the LadderLink is to be done by a sheet metal fabricator's bending machine.
- Protects gutters and barge capping.



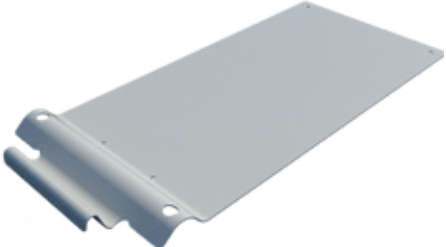
**LadderLink (Standard)**



- Quick and easy installation, protects gutters.
- Essential entry point system to stabilise your ladder.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX001	Fixed LadderLink	*MGA	1	2.290

**LadderLink (Extended)**



- To extend beyond box gutters and larger areas.
- 980mm gutter to end, overall length 1115mm.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX002	Fixed LadderLink: Extended	*MGA	1	6.600

**LadderLink (Wall Mounted)**



- Wall mounted ladder bracket, fixes directly onto wall.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Secure with a minimum of four appropriate fixings, see manual.

Product Code	Description	Material	Qty	Weight (kg)
LADFX003	Fixed LadderLink: Wall Mounted	*MGA	1	2.290

**LadderLink (20 - 30 Degrees Pitch)**



- Quick and easy installation on pitches 20-30 degrees.
- Essential entry point system to stabilise your ladder.
- In addition, the LadderLink bracket has two tie off points to aid in securing the ladder in position.
- Can be installed under or over roof sheets.

Product Code	Description	Material	Qty	Weight (kg)
LADFX001-30	Fixed LadderLink: Bent 20-30 degrees	*MGA	1	2.290

\*MGA = Marine Grade Aluminium

# ENTRY ACCESS

## First Man Up Strop



- Used as first man up system; reduces the amount of entry access anchors required. Supplied QuickLink to be attached to a load rated anchor.
- Attachment end should be secured with a strop hook when not in use to ensure it can be accessed from a safe area for next use, strop hook (below) sold separately.
- UV plastic coated to prevent wear on roof sheeting. 15kN Rated.

Product Code	Description	Material	Qty	Weight (kg)
STROP001.5	1.5m First man up Strop	316SS/PVC	1	0.440
STROP002	2m First man up Strop	316SS/PVC	1	0.531
STROP002.5	2.5m First man up Strop	316SS/PVC	1	0.619
STROP003	3m First man up Strop	316SS/PVC	1	0.669
STROP003.5	3.5m First man up Strop	316SS/PVC	1	0.814
STROP004	4m First man up Strop	316SS/PVC	1	0.886
STROP004.5	4.5m First man up Strop	316SS/PVC	1	0.977
STROP005	5m First man up Strop	316SS/PVC	1	1.069

Contact SafetyLink for site specific required lengths

## Strop Hook with Sign



- NOT INCLUDED with strops, order separately.
- Note, this is not a load rated anchor, to be used to secure the strop when not in use, ensuring wind cannot blow the strop away from the access point.
- Hook can be secured with 2 screws or 2 rivets.

Product Code	Description	Material	Qty	Weight (kg)
Strohook+Sign	Strop Hook with Warning Sign	316SS	1	0.048

## Certification Labels



- Certification Labels supplied in packet of 100.
- Labels contain serial numbers for use in computer tracking systems.
- To be used for marking each individual anchor point for certification purposes.
- Protective clear cover to prevent removal of text from weather or tampering.

Product Code	Description	Material	Qty	Weight (kg)
LABEL001	Certification Labels	Polyethylene	1	0.157

## Inspection Tag



- SafetyLink Tag to be used for marking each individual anchor point for inspection month and year.
- Inspection Tag contains serial numbers for use in tracking systems.
- Hole puncher is required to place hole on required month.

Product Code	Description	Material	Qty	Weight (kg)
CERT-TAG_Y_30.100	Next Inspection Due Yellow Tag (30cm)	Plastic	1	0.100

## Warning Entry Compliance Sign

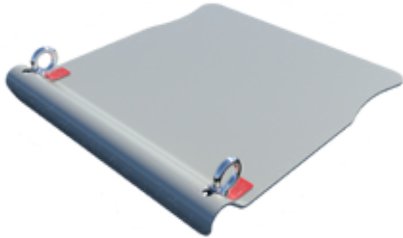


- Essential entry point information for safety system.
- Notes installer information, safe use and inspection details.
- Size 300mm x 120mm x 1mm.

Product Code	Description	Material	Qty	Weight (kg)
WARN001	Warning Compliance Entry Sign	Aluminium	1	0.080

# ROPE GUIDES

## Rope Guide Bracket



- Guides your ropes and protects your ropes from being damaged when **abseiling** over a sharp edge or gutter.
- One person user, easy to install and non-obtrusive.
- Protects the guttering systems from rope pressure and damage.
- Can be permanently installed or removed after use.
- Eyelets are not rated as anchor points, for use with strap to contain abseil rope.

Product Code	Description	Material	Qty	Weight (kg)
LADFX007	Rope Guide Bracket	*MGA	1	3.415

## PigLink - Concrete Mounted



- SafetyLink's PigLink is a Lateral Restraint for guiding ropes on a long descent.
- PigLink's should be installed at intervals of between 20m and 30m to restrain an abseiler's lateral movement. Depending on the application, smaller intervals may be required.
- ☒ The PigLink **is not** a single point anchor.

### PRODUCT CODE: PIGLK001

Product Code	Description	Material	Qty	Weight (kg)
PIGLK001	PigLink Rope Guide - M12x120mm	316SS	1	0.281

## PigLink - Steel Mounted



- SafetyLink's PigLink is a Lateral Restraint for guiding ropes on a long descent.
- PigLink's should be installed at intervals of between 20m and 30m to restrain an abseiler's lateral movement. Depending on the application, smaller intervals may be required.
- ☒ The PigLink **is not** a single point anchor.

### PRODUCT CODE: PIGLK002

Product Code	Description	Material	Qty	Weight (kg)
PIGLK001	PigLink Rope Guide - M12x120mm	316SS	1	0.281
NUT M12 Flanged_316	Nut: M12 Flanged	316SS	1	0.020

## PigLink - Concealed



- SafetyLink's PigLink is a Lateral Restraint for guiding ropes on a long descent.
- PigLink's should be installed at intervals of between 20m and 30m to restrain an abseiler's lateral movement. Depending on the application, smaller intervals may be required.
- ☒ The PigLink **is not** a single point anchor.

### PRODUCT CODE: PIGLK003

Product Code	Description	Material	Qty	Weight (kg)
PIGLK001	PigLink Rope Guide M12x120mm	316SS	1	0.281
STEELINK-M12.02	Base Cap: SteelLink M12 316SS	316SS	1	0.033
STEELINK-M12.01	End Cap: SteelLink M12 316SS	316SS	1	0.020
NUT M16_316	Nut: M16 316SS	316SS	1	0.029
WASHER M12_Spring_316	Spring Washer: M12 316SS	316SS	1	0.004
WASHER M12_316	Washer: M12 316SS	316SS	1	0.003
NUT M12_316	Nut: M12 316SS	316SS	1	0.016

# *‘Complete Solutions’*

SafetyLink supply all height safety equipment to all industries - buildings, commercial and industrial sites.

From a series of anchor points to a complete network of systems for maintenance, cleaning access and inspections, SafetyLink has you covered.



All SafetyLink products undergo extensive testing in a multitude of scenarios by accredited testing facilities and comply to current standards.

SafetyLink’s experienced technical team is complemented with comprehensive installation manuals and testing certificates.

We have national qualified installers keeping your assets safe.

Users must be trained and competent in the use of personal protection equipment for working at heights and consult AS/NZS 1891.4 regarding selection, use and maintenance.

A risk assessment and rescue plan must be completed prior to undertaking any tasks requiring the use of this equipment.

-  All products must be used within their intended design only.
-  Ergonomically designed to be used as a single person fall protection device.





# **SELF RETRACTING LIFELINES & PERSONEL PROTECTIVE EQUIPMENT**

Anchors

Davits

Lifelines

Shuttles/Fittings

V-Line

X-Rail

Ultra Rail

Access

SRL's/PPE

Tools

[SafetyLink.com](http://SafetyLink.com)

# SELF RETRACTING LIFELINE ANCHOR



- Self-retracting lanyard anchor kit, designed to be installed on the rungs of a ladder.
  - Systems shall be designed to limit free fall, swing fall and maximise fall clearance.
  - Where possible, systems should be installed as close to the centre of the ladder or climbing zone as possible.
  - Use in conjunction with SafetyLink's Tuff-Bloc's (shown in picture above, purchased separately).
- ⚠ All load cases shall be considered by a trained engineer.

## STANDARD

The Ladder SRL Anchor System is compliant with AS/NZS 5532, EN795 TYPE A and OSHA 1926.502 and 1910.140.

## USER RATING

The Ladder SRL Anchor is rated for 1 user per system.

### PRODUCT CODE: VLINE.SRL.KIT

Components	Description	Material	Qty
VLINE.SRL.ANCHOR	Self Retracting Anchor Kit	Galvanized	1
VLINE.SRL.ROPE	SRL Rope (for use at Maximum Height 15m)	Polyester	1
VLINE.SRL.PULLEY	Self Retracting Anchor Pulley Kit	Galvanized	2



# SELF RETRACTING LIFELINES



6m / 20ft

10m / 33ft

15m / 50ft

20m / 66ft

Introducing the **TUFF-BLOC**, an exciting new addition to SafetyLink's personal protection range. The **TUFF-BLOC** features an energy absorbing over-mold design suitable for extreme environments. This unique housing provides protection to the internal mechanisms and allows for easy storage when stacking.

- Tough durable housing built for hard knocks.
- 140kg rated.
- Built in fall indicator.
- Side handle providing easy installation when holding up SRL for install.
- Carry/storage clip.
- Four different lengths 6, 10, 15 and 20 metres.
- 5 year service life\*
- Complies with EN360:2002 and AS/NZS 1891.3:2020.

\*Service life may be less than 5 years due to harsh environments. ALL SRL's should be inspected before and after each use.

## SELF RETRACTING LIFELINES

Product Code	Description	Weight (kg)
TUFF-BLOC006	Self Retracting Lifeline - 6 metres	4.5
TUFF-BLOC010	Self Retracting Lifeline - 10 metres	5.6
TUFF-BLOC015	Self Retracting Lifeline - 15 metres	8.1
TUFF-BLOC020	Self Retracting Lifeline - 20 metres	10.6



# SELF RETRACTING LIFELINES



- Lightweight compact unit.
- 140kg user rating.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- Aluminium connectors with 16kN gate strength.
- Available in both Snap hook and Rebar/Scaffold hooks.
- Innovative quick connector available on the twin lifelines, allowing the users ease of connection.



**SRL's**

Product Code	Description	Weight (kg)
AEROBLOC2M-SH-KB	Self Retracting Lifeline: 2 metres with Snap Hook and Karabiner	1.40
AEROBLOC2M-SH-X2	Self Retracting Lifeline: 2 metres Twin with Snap Hook and Aero Connect	2.70
AEROBLOC2M-RH-KB	Self Retracting Lifeline: 2 metres with Rebar/Scaffold Hook and Karabiner	1.80
AEROBLOC2M-RH-X2	Self Retracting Lifeline: 2 metres Twin with Rebar/Scaffold Hook and Aero Connect	3.60

### AERO BLOC - SINGLE SELF RETRACTING LIFELINE WITH SNAP HOOK



- Lightweight compact unit.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- Aluminium connectors with 16kN gate strength.

**PRODUCT CODE: AEROBLOC2M-SH-KB**

Components	Description	Material	Qty
AEROBLOC2M-SH-KB	2m SRL with Snap Hook and Karabiner	Nylon/Alloy	1

### AERO BLOC - TWIN SELF RETRACTING LIFELINE WITH SNAP HOOK



- Lightweight compact unit.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- Aluminium connectors with 16kN gate strength.
- Aero connect triple action dual leg bracket, joins twin legs.

**PRODUCT CODE: AEROBLOC2M-SH-X2**

Components	Description	Material	Qty
AEROBLOC2M-SH-X2	2m Twin SRL with Snap Hook and Aero Connect	Nylon/Alloy	1

### AERO BLOC - SINGLE SELF RETRACTING LIFELINE WITH REBAR/SCAFFOLD HOOK



- Lightweight compact unit.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- Aluminium connectors with 16kN gate strength.

**PRODUCT CODE: AEROBLOC2M-RH-KB**

Components	Description	Material	Qty
AEROBLOC2M-RH-KB	2m SRL with Rebar/Scaffold Hook and Karabiner	Nylon/Alloy	1

### AERO BLOC - TWIN SELF RETRACTING LIFELINE WITH REBAR/SCAFFOLD HOOK



- Lightweight compact unit.
- Clear durable housing for ease of unit inspection.
- External shock pack with durable cover.
- Aluminium connectors with 16kN gate strength.
- Aero connect triple action dual leg bracket, joins twin legs.

**PRODUCT CODE: AEROBLOC2M-RH-X2**

Components	Description	Material	Qty
AEROBLOC2M-RH-X2	2m Twin SRL-Rebar/Scaffold Hook and Aero Connect	Nylon/Alloy	1



# ROOF WORKERS KIT

- SafetyLink's XtraLight harness is fitted with all alloy hardware to reduce weight on the user.
- 5 point adjustable XtraLight harness which caters for a wider range of personnel.
- XtraLight harness equipped with dorsal extension strap for ease of connection to rear fall arrest point.
- 20 metre rope line with lightweight rope grab and built in energy absorber to give you greater access.
- SafetyLink's roofers kit protects users up to 140kg.
- Aluminium double action karabiners with 16kN gate strength to help eliminate forced rollout.
- Heavy duty backpack with external clear window for inspection record card storage.

## XtraLight Roof Workers Kit



### ROOFKIT\_SL

Product Code	Description	Qty
HARNES017	XtraLight Harness	1
ROPELN022	20m Rope Line	1
ASTRAP003	Anchor Strap	1
KARBNR022	Karabiner	2
BAGSL01	Gear Bag	1

## XtraLight Roof Workers Kit with TempLink 3000 & Trauma Relief Straps



### ROOFKIT\_SL+TEMPL003

Product Code	Description	Qty
HARNES017	XtraLight Harness	1
ROPELN022	20m Rope Line	1
ASTRAP003	Anchor Strap	1
KARBNR022	Karabiner	2
BAGSL01	Gear Bag	1
TRAUMA002	Trauma Relief Strap Set	1
TEMPL003	Temporary Anchor 3000	1

## XtraLight Roof Workers Kit with TempLink 5000 & Trauma Relief Straps



### ROOFKIT\_SL+TEMPL5000

Product Code	Description	Qty
HARNES017	XtraLight Harness	1
ROPELN022	20m Rope Line	1
ASTRAP003	Anchor Strap	1
KARBNR022	Karabiner	2
BAGSL01	Gear Bag	1
TRAUMA002	Trauma Relief Strap Set	1
TEMPL5000	Temporary Anchor 5000	1

- ⚠ All products must be used within their intended design only.
- ⚠ Failure to follow all warnings and instructions may result in a serious injury or death.
- ⚠ Harnesses must be inspected as safe every time before and after each use.
- ⚠ Six monthly logged safety inspections are to be completed by a competent person (refer to harness care/maintenance instructions).

## Harness XtraLight



- Lightweight. Front and Rear attachment points.
- Gear Loops for rescue scenarios.
- Adjustable quality alloy buckles creating maximum user adjustment.
- Equipped with dorsal extension strap for ease of connection to rear fall arrest point on HARNES017 only.
- Traceability label pack includes a page that can be easily marked with site specific traceability documentation.

### PRODUCT CODE: HARNES017 & HARNES018

Components	Description	Material	Qty
HARNES017	XtraLight Harness	Nylon/Alloy	1
HARNES018	XtraLight Harness (without Dorsal Ext Strap)	Nylon/Alloy	1

## Rope Line 20m & 30m



- Adjustable Rope Lines available in 20 and 30 metres.
- Light weight alloy Rope Grab.
- 140kg Shock Pack and two Karabiners.

Components	Description	Material	Qty
ROPELN022	20m Rope Line	Alloy	1
ROPELN030	30m Rope Line	Alloy	1

## Anchor Sling



- 1.5 metre red 20mm Webbing Anchor Strap.
- Flat construction.
- Rated to 21kN.

### PRODUCT CODE: ASTRAP003

Components	Description	Material	Qty
ASTRAP003	Anchor Strap	Nylon	1

## Karabiner



- High strength aluminium Karabiner.
- Minimum breaking strength Rated 23kN.
- Gate opening 17mm.
- Double action, 16kN Rated gate strength.

### PRODUCT CODE: KARBNR022

Components	Description	Material	Qty
KARBNR022	Karabiner	Alu	2

## Gear Bag



- Heavy duty nylon.
- Easy fold down opening, convenient to carry.
- Top carry handle.
- Adjustable chest and waist straps.
- External clear window for inspection record card storage.

### PRODUCT CODE: BAGSL01

Components	Description	Material	Qty
BAGSL01	Gear Bag	Nylon	1

## Trauma Relief Straps



- Suspension trauma relief straps.
- To be used in conjunction with a full body harness.
- Designed to aid in the prevention of suspension trauma after a fall from height has occurred.

### PRODUCT CODE: TRAUMA002

Components	Description	Material	Qty
TRAUMA002	Trauma Relief Strap Set	Nylon	1

## Delta Plus Single Lanyard with Tear Web Energy Absorbing



- Harness Connector: Karabiner.
- Anchor Connector: Karabiner.
- Orange Webbing.

**PRODUCT CODE: WAUAN203200NN**

Components	Description	Material	Qty
WAUAN203200NN	Single Lanyard with Tear Web Energy Absorbing	Polyester	1

## Delta Plus Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg



- Harness Connector: Karabiner.
- Anchor Connector: Karabiner.
- Black Webbing with Orange Fleck.

**PRODUCT CODE: WAUAN235200NN**

Components	Description	Material	Qty
WAUAN235200NN	Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg	Polyester	1

## Delta Plus Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg



- Harness Connector: Snap Hook.
- Anchor Connector: Snap Hook.
- Black Webbing with Orange Fleck.

**PRODUCT CODE: WAUAN235200JJ**

Components	Description	Material	Qty
WAUAN235200JJ	Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg	Polyester	1

## Delta Plus Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg



- Harness Connector: Snap Hook.
- Anchor Connector: Rebar Hook.
- Black Webbing with Orange Fleck.

**PRODUCT CODE: WAUAN235200JW**

Components	Description	Material	Qty
WAUAN235200JW	Premium Single Lanyard with Tear Web Energy Absorbing and Elasticised Leg	Polyester	1

## Delta Plus Premium Twin Lanyard with Tear Web Energy Absorbing and Elasticised Legs



- Harness Connector: Snap Hook.
- Anchor Connector: Rebar Hook.
- Black Webbing with Orange Fleck.

**PRODUCT CODE: WAUAN245200JWW**

Components	Description	Material	Qty
WAUAN245200JWW	Premium Twin Lanyard with Tear Web Energy Absorbing and Elasticised Legs	Polyester	1



- Manufacturer's instruction shall be followed.
- This product is only to be used by a competent person.
- Inspect this product before use as per the supplied instruction.
- This equipment shall be removed from service if it fails an inspection or is involved in a fall.

### Delta Plus Full Body Harness



- Centre Rear D ring attachment.
- Two (2) Centre Front Hoops.
- Orange Webbing with Black Stitching.
- Aluminium Fittings.

#### TWO (2) SIZES AVAILABLE

Product Code	Description	Material	Size
WAUHAR12GT	Full Body Harness	Polyester	S,M,L
WAUHAR12XX	Full Body Harness	Polyester	XL,XXL

### Delta Plus Full Body Harness



- Centre Rear D ring attachment.
- Two (2) Centre Front Hoops.
- Includes Belt with Side D Rings and Restraint D Ring.
- Orange Webbing with Black Stitching.
- Aluminium Fittings.

#### TWO (2) SIZES AVAILABLE

Product Code	Description	Material	Size
WAUHAR14GT	Delta Plus Full Body Harness	Polyester	S,M,L
WAUHAR14XX	Delta Plus Full Body Harness	Polyester	XL,XXL

### Delta Plus Premium Rigger Full Body Harness



- Sternal Loops, Dorsal D-Ring.
- Quick Connect Legs, Pull Through Torso.
- Quick Connect Chest.
- Grey Webbing with Green Stitching.
- Aluminium Fittings.

#### TWO (2) SIZES AVAILABLE

Product Code	Description	Material	Size
WAUHAR32MGT	Premium Rigger Full Body Harness	Polyester	S,M,L
WAUHAR32MXX	Premium Rigger Full Body Harness System	Polyester	XL,XXL

### Delta Plus Premium Multi-purpose Body Harness System



- Sternal Loops, Dorsal D-Ring.
- Belt/Side Drings, Reat Waist D-Ring, Quick Connect Legs.
- Pull Through Torso, Quick Connect Chest.
- Grey Webbing with Green Stitching.
- Aluminium Fittings.

#### TWO (2) SIZES AVAILABLE

Product Code	Description	Material	Size
WAUHAR35MGT	Premium Multi-purpose Body Harness System	Polyester	S,M,L
WAUHAR35MXX	Premium Multi-purpose Body Harness System	Polyester	XL,XXL

# *‘Complete Solutions’*



## **TOOLS**

Riveting tools for installing SafetyLink's surface mounted roof anchors.

Crimping tools for crimping tensioners and terminations to the cable on lifeline systems.

Hydrajaws tester for testing concrete anchors.





# Tools



# RIVET TOOLS

## Gesipa Accubird Pro Kit



- Setting force: 13,000 N. Weight: 2.1 kg with battery (2.0 Ah)
- Drive: brushless motor (BLDC). Stroke: 25 mm
- Nosepieces: 17/20, 17/24, 17/27, 17/29, 17/32, 17/36, 17/40 and 17/48, Additional jaw pusher for bigger blind-rivet dimensions
- Blind rivets from Ø 2.4 mm up to Ø 6 mm all materials (max. mandrel Ø 3.7 mm).

Product Code	Description	Qty	Weight (kg)
GESIPA.ACCU.PRO	Gesipa Accubird Pro Rivet Tool	1	6

## Gesipa Powerbird Pro (Gold) Kit



- Setting force: 20,000 N. Weight: 2.1 kg with battery (2.0 Ah)
- Drive: 18 V brushless DC motor (BLDC). Stroke: 25 mm
- Nosepieces: 17/32, 17/36, 17/40, 17/45 and 17/48.
- Blind rivets up to Ø 6.4 mm all materials and BULB-TITE®-blind rivets up to Ø 7.7 mm all materials (max. mandrel Ø 4.3 mm).

Product Code	Description	Qty	Weight (kg)
GESIPA.PB.PRO.GOLD	Gesipa Powerbird Pro Gold Rivet Tool	1	6

## Gesipa Hand Tool HN 2-BT



- Used in conjunction with 8mm Tri-fold rivets.
- Drill size 7.8-8.2mm. Length 27.7mm. Grip Range 1.0-9.5mm.
- Technical Data: Stroke: 10mm. Length: 577mm.

Product Code	Description	Qty	Weight (kg)
GESIPA001.02	Gesipa Hand Rivet Tool (HN 2-BT)	1	2.071

## SafetyLink Hand Rivet Tool



- Designed for installing height safety surface mounted anchor points.
- Lightweight and simple operation.
- Three piece jaws made of CR Mo steel provides long lasting tool life.
- Designed for use with 8mm Tri-fold rivets.
- Waste container for tidy collection of mandrels.
- Supplied with handy hex tool for removing and maintaining nose piece and jaws.
- Maximum Rivet Size: 8mm.
- Length 320mm.

Product Code	Description	Qty	Weight (kg)
HANDTOOL001	SafetyLink Hand Rivet Tool	1	1.200

## Rivet - 8mm



- Aluminium Tri-fold Rivets.
- Diameter 7.7mm.

Product Code	Description	Seal	Grip mm	Hole mm	Qty	Weight (kg)
RIVET_8mm(27.7)	8mm Tri-fold Rivet	Green	1.1-9.5	7.8-8.2	1	0.007
RIVET_8mm(34)	8mm Tri-fold Rivet	Yellow	6.4-15.9	7.8-8.2	1	0.009
RIVET_8mm(39)	8mm Tri-fold Rivet	Black	9.5-19.1	7.8-8.2	1	0.011

# CRIMPING TOOLS

## Crimping Tool 18V + DIE



- Battery powered Crimping Tool.
- Able to rotate for different working positions.
- Features: 42mm C-Jaw Opening.
- With 360 degrees swivel head.
- For connector, cable lug hexagon crimping.
- Standard die set (total 10pcs): 35/50/70/95/120/150/185/240/300/400mm<sup>2</sup> (i.e. B3035-B30400) (R30 Type).
- Battery & Charger Set Model No: B-04 (18V DC Li-Ion Battery/ 4Ah).
- Tool Dimension (reference only): 440(L)\*290(W)\*78(H)mm.
- Crimping range: 6-400mm (AWG10-750MCM).
- Complete unit with extra Die to crimp 8mm cable (use with STAT.TENSR003, STAT.TENSR005 & STAT.TERMN003).

## Crimping Tool Die



- Die for battery powered crimping tool.
- Required for 8mm Cable, for use with STAT.TENSR003, STAT.TENSR005 and STAT.TERMN003.
- Size AVF10.83.

### PRODUCT CODE: STAT.CRIMP\_EPB-4201+DIE

Product Code	Description	Qty	Weight (kg)
STAT.CRIMP_EPB-4301+DIE	Complete Tool: 18V Li Ion Battery Crimper 35-400mm with Batteries/Charger/Die	1	8.194

### SEPARATE PARTS BELOW

STAT.CRIMP_EPB-4301	Tool: 18V Li Ion Battery Crimper 35-400mm (with Batteries/Charger)	1	8.069
STAT.CRIMP_EPB-4301.01	Tool: 18V Li Ion Battery Crimper 35-400mm (without Batteries/Charger)	1	6.345
STAT.CRIMP_B-04	Battery: 18V 4Ah for EP Crimping Tools (B-04)	1	0.874
STAT.CRIMP_CH-07	Charger: for 18V Battery for EP Crimping Tools (CH-07)	1	0.775
STAT.CRIMP.DIE	Die: for Crimping 8mm Cable	1	0.194

# HYDRAJAWS PULL TESTERS



- To comply with recognised Industry Standards each concrete anchor must be tested after installation and at every recertification inspection.
- Ensure you wait the recommended curing time as specified by the chemical anchor instructions.
- The pull test can be done using a 16mm threaded eyebolt/DonutLink Adapter. Test consists of ultimate pull out force proof loading to 50% of design purpose of anchorage.

## Concrete Adhesive Mortar



- Fischer FIS V 300T Injection Mortar is the ideal chemical adhesive to use when installing SafetyLink height safety systems.
- The injection cartridge is for use with a standard caulking gun.
- Partially used cartridges can be re-used by changing the mixing nozzle.

### PRODUCT CODE: CON-CHEM-FISV.300

Components	Description	Material	Qty	Weight (kg)
CON-CHEM-FISV.300.01	Concrete FIS V 300ml Cartridge	Mortar	1	0.603
CON-CHEM-FISMR	Static Mixer FIS MR	Plastic	2	0.200

## DonutLink Adapter



- DonutLink adapter is used to pull test DonutLink Washer on concrete anchors and lifelines.

### PRODUCT CODE: DONUTLINK-ADP

Components	Description	Material	Qty	Weight (kg)
DONUTLINK-ADP	DonutLink Adapter	Hardened/Tempered Steel	1	0.600

## Hydrajaws Pull Tester - M2000 Scaffold Tie Tester Kit



The Hydrajaws Scaffold Tie Tester Kit will test all types of anchors most commonly used for anchoring scaffold ties up to a maximum tensile load of 25kN. Adapters include a standard Bolt Test Adapter, M16 Threaded Stud Adapter and M12 Ringbolt Adapter Clevis which means a wide range of fixings can be tested.

- Detachable dual scale 25kN Analogue or Digital Gauge.
- Load spreading bridge with adjustable telescopic legs and swivel feet.
- Bolt tester Adapter with M12 locking Adapter.
- Turning Handle with 22mm integrated nut (for use in confined spaces).
- Calibration certificate (valid for 12 months).
- M12 Ringbolt Adapter Clevis.
- M16 Threaded Stud Adapters.
- M16 HT Hex set screw.
- M16 x120mm stud bolt.
- Robust carry case with full operating instructions.

Product Code	Description	Qty	Weight (Kg)
TESTER-200-014	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge	1	12
TESTER-200-014+ADP	M2000 Scaffold Tie Tester Kit with 0-25kN Analogue Gauge + DonutLink Adapter	1	12.6
TESTER-200-015	M2000 Scaffold Tie Tester Kit with 0-25kN Digital Gauge	1	12
TESTER-200-015+ADP	M2000 Scaffold Tie Tester Kit with 0-25kN Digital Gauge + DonutLink Adapter	1	12.6

## Hydrajaws Pull Tester - M2000 Lifeline Tester Kit 2 & Kit 1



Lighter, more compact and very user friendly, the Hydrajaws Safety Lifeline Anchor Tester clamps directly to the 8mm wire rope and will test all the swaged components during installation and for annual inspections in accordance with existing safety standards.

- Test Frame fitted with Extension Bars.
- Knurled Cable Adapter 8mm (10mm & 12mm optional).
- Detachable dual scale 25kN Analogue or Digital Gauge.
- Turning Handle with 22mm integrated nut.
- Load spreading bridge with adjustable telescopic legs and swivel feet.
- Bolt tester Adapter with M12 locking Adapter.
- M12 Ringbolt Adapter Clevis.
- M12 & M16 Threaded Stud Adapters.
- M12 Threaded Stud Adapter Coupler.
- Calibration certificate (valid for 12 months).
- Robust carry case with full operating instructions.

Product Code	Description	Qty	Weight (Kg)
TESTER-030-002	M2000 KIT2 LIFELINE (A) METRIC with 0-25kN Analogue Gauge	1	17
TESTER-030-002+ADP	M2000 KIT2 LIFELINE (A) METRIC with 0-25kN Analogue Gauge + DonutLink Adapter	1	17.6
TESTER-030-003	M2000 KIT2 LIFELINE (D) METRIC with 0-25kN Digital Gauge	1	17
TESTER-030-003+ADP	M2000 KIT2 LIFELINE (D) METRIC with 0-25kN Digital Gauge + DonutLink Adapter	1	17.6
TESTER-030-001	M2000 KIT1 LIFELINE FRAME ONLY (TO USE WITH M2000 KIT)	1	9

## Hydrajaws Bluetooth Digital System



The Dashboard contains all essential information including:

- All company devices and their calibration dates.
- All company users and licences.
- A GPS map containing all test sites.
- A list of Hydrajaws Approved International Service Centres.

Download the app from the Google Play Store or the Apple App Store.

The Hydrajaws Bluetooth Digital system allows on-site pull tests to be automatically recorded and compiled into a digital report using the Hydrajaws Bluetooth Digital App on a mobile phone or tablet device. These reports can be sent directly to clients or managers and are stored in the cloud to be accessed remotely anywhere on a browser in a users own company dashboard. The comprehensive report will include all test information including a pass or fail result, a visual results graph, fixing details, site location co-ordinates, date and time. Notes, images and photos taken on-site can also be added. Using the Dashboard a company administrator can review all test reports from all company users. They can also add notes to reports and send them directly to customers.

# APPENDIX 1 - CHEMICAL ADHESIVE



## POSITIONING OF CONCRETE ANCHOR

The Concrete Anchor must be in a position easily and safely reached from a safe access point. Concrete anchor should not be positioned close to an edge, minimum distance 150mm. Minimum concrete thickness 150mm.

## LOCATING THE REINFORCING STEEL BAR (REO BAR) IN THE CONCRETE

Use Digital metal detector (Example: BOSCH DMO 10) to locate the Reo bar in the concrete when positioning the Concrete Anchor. This ensures reo bars are avoided when drilling.






## DRILLING THE HOLE

Drill a hole to a depth and width as suggested in table (opposite page).

## PREPARING THE HOLE

The hole must be moisture and dust free. Remove dust using compressed air, small brush, and vacuum cleaner.

## INSTALLING THE CONCRETE ANCHOR



-  Recommended chemical is Fischer FIS-V.
-  Prior to anchor installation, refer to installation procedure for individual anchor product and check chemical is within expiry date.
-  The injection cartridge is for use with a standard caulking gun.
-  Partially used cartridges can be re-used by changing the mixing nozzle.
-  The entire surface of the anchors embedded section must be within the concrete and shall use sufficient adhesive mortar as specified in table (opposite page).



**DOWNLOAD  
CHEMICAL  
DATA SHEET**



**PRODUCT CODE: CON-CHEM-FISV.300**

Components	Description	Qty	
CON-CHEM-FISV.300.01	Injection Mortar FIS V Cartridge 300ml	1	
CON-CHEM-FISMR	Static Mixer FIS MR	2	

**FIS V 300T: INJECTION MORTAR**

APPLICATION	ANCHOR DIAMETER(mm)	DRILL HOLE DIAMETER(mm)	DRILL HOLE DEPTH(mm)	MORTAR/ FIXING(ml)	NO# OF FIXING/ CARTRIDGE
Concrete Insert	24	28	90	40	6
One Piece Eyebolt	16	18	90	15	18
WindowLink	53&25	55&28	20&122	60	4
SwiveLink	24	28	90	40	6
M10x130 Rod – Guardrail	10	12	95	8	35
M12x160 Rod – Tuff Post	12	14	115	10	28
M12x160 Rod – X-Rail	12	14	95	10	28
M16x130 Rod – DonutLink FrogLine	16	18	95	15	18
M16x160 Rod – Tuff Post	16	18	115	15	18
M16x200 Rod – Davit	16	18	140	16	15

**CURING TIME FIS V**

Cartridge Temperature (mortar)	Gelling Time	Temperature at anchoring base	Curing Time
		- 5 C - ± 0 C	24 hours
+ 0 C - + 5 C	13 minutes	± 0 C - + 5 C	3 hours
+ 5 C - + 10 C	9 minutes	+ 5 C - + 10 C	90 minutes
+ 10 C - + 20 C	5 minutes	+ 10 C - + 20 C	60 minutes
+ 20 C - + 30 C	4 minutes	+ 20 C - + 30 C	45 minutes
+ 30 C - + 40 C	2 minutes	+ 30 C - + 40 C	35 minutes

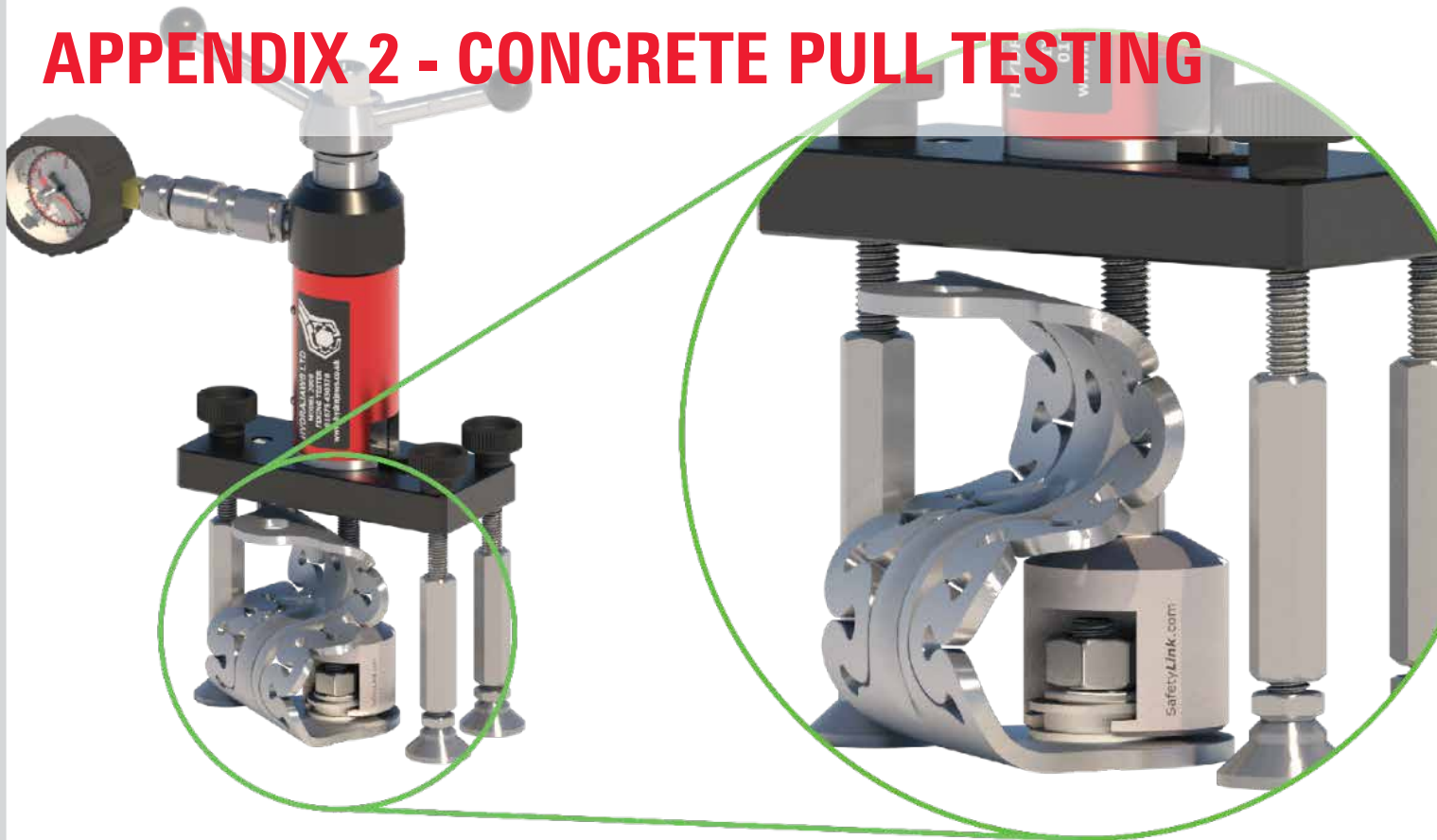
The above times apply from the moment of contact between resin and hardener in the static mixer.

For installation, the cartridge temperature must be at least +5 C. For longer installation times, ie when interruptions occur in work, the mixer should be replaced.

**TESTING FOR CONCRETE MOUNTED ANCHOR**

To comply with current Standards each Concrete unit must be tested after installation. Allow required curing time as specified in above table before testing. Test consists of pull out force to 50% of design load of anchorage. Note: Drilled-in anchorages such as friction and glued-in anchorages shall be placed so that the shear load is at least twice the tension load. For collared eyebolts this translates to a pull at an angle not exceeding 20 degrees to the surface in which the bolt is installed.

# APPENDIX 2 - CONCRETE PULL TESTING



To comply with current Standards, each Concrete anchor must be tested after installation and at every recertification inspection.

- 🔍 Ensure you wait the recommended curing time as specified by the chemical manufacturer.
- 🔍 The pull test can be done using DonutLink washer as an attachment point.
- 🔍 Use the DonutLink Adapter with Hydrajaws pull tester to connect into DonutLink washer.
- 🔍 Test consists of proof loading to 50% of the intended anchor rating of 15kN.
- 🔍 Install the pull test Adapter with calibrated pull test device into DonutLink washer as shown in above image.
- 🔍 Load anchorage point to 7.5kN, refer pull test device instructions.
- 🔍 Ensure energy absorbing regions of the anchor system are not loaded during this test.
- 🔍 Check concrete and chemical adhesive as secure and damage free, refer to periodic inspections.

Note: Drilled-in anchorages such as friction and glued-in anchorages shall be placed so that the shear load is at least twice the tension load. For FrogLine DonutLink components this translates to a pull at an angle not exceeding 20 degrees to the surface in which the bolt is installed.

- 🔍 Recommended chemical anchor: Fischer as per Fischer Product Supplement Data sheets (see Appendix 1).
- 🔍 DonutLink should not be positioned close to an edge, minimum distance 150mm.
- 🔍 If any doubt exists as to the strength of the structure an engineer should make the assessment.
- 🔍 During installation you must be safe at all times.



**CONCRETELINK  
INSTALLATION VIDEO**






**DOWNLOAD CHEMICAL  
DATA SHEET**

# APPENDIX 3 - CABLE



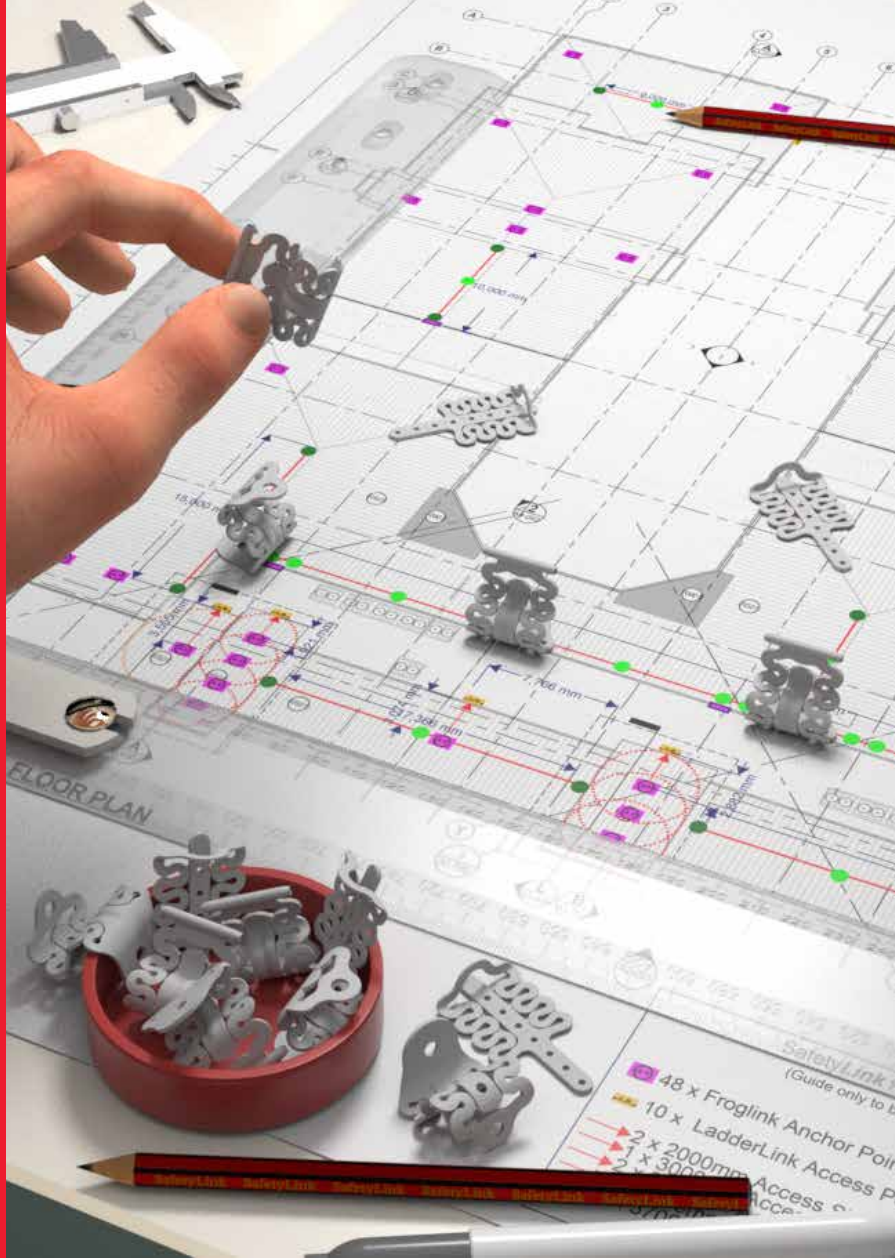
## LIFELINE CABLE

7x7 wire rope	7x19 wire rope	1x19 wire rope
		
7 x 7	7 x 19	1 x 19
<ul style="list-style-type: none"> <li>Standard Flexibility.</li> <li>For use on all lifelines.</li> </ul>	<ul style="list-style-type: none"> <li>High Flexibility.</li> <li>For use on lifelines with short intermediate intervals and multiple corners.</li> </ul>	<ul style="list-style-type: none"> <li>Limited Flexibility.</li> <li>Suited to overhead lines.</li> <li>Makes for easy transitions over intermediates with SRL's.</li> <li>Not for use with Swageless Fittings.</li> </ul>

## LIFELINE CABLE

Product Parts	Description	Qty	Materials
STAT.CABLE001	Cable: 8mm dia, 7x7 wire rope	Per metre	316 SS
STAT.CABLE001.01	Cable: 8mm dia, 7x7 wire rope	305m Roll	316 SS
STAT.CABLE001.02	Cable: 8mm dia, 7x7 wire rope	500m Roll	316 SS
STAT.CABLE_8mm_7x19_SS	Cable: 8mm dia, 7x19 wire rope	Per metre	316 SS
STAT.CABLE_8mm_1x19_SS	Cable: 8mm dia, 1x19 wire rope (DO NOT USE WITH SWAGELESS FITTINGS)	Per metre	316 SS

# 'Innovative Fall Protection'



SCAN ME

SafetyLink Terms and Conditions



SCAN ME

Safety Centre Online Training

## EXPERT FALL PROTECTION PLANNING

SafetyLink's design and planning team are here to help work out the positioning of your fall protection system. Ensuring all areas of your roof are accessed safely.

Things to consider when planning your roof layout:

- Are all areas of your roof protected, allowing complete access when working at heights?
- Are you protected from the ground up, allowing complete access to your roof?
- Detailed comprehensive documentation provided.
- Contact our design team at [info@safetylink.com](mailto:info@safetylink.com) and we can plan your fall arrest system for you.

# Quality Assurance



## Notes

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Should you wish to know the progress of our intellectual property on a specific product please email us on

[info@safetylink.com](mailto:info@safetylink.com)

and quote the product code.

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