



Rope Access Pty Ltd T/AS Safety Roof Anchors

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S.R.A. fully engineered product range

400 Series

Truss-T-Grip®

Profile Grips

Ladder Restraint Brackets

Fixings

SPECIFICATION: ALLFIT 360° SURFACE MOUNT ANCHOR



The System

Allfit 360° is a top fixed fall arrest anchor point designed for easy installation into a wide variety of steel roofs. The pre-drilled base plate provides for a quick installation while the swivelling AA406 ensures uniform loading to all sides.

Special Features:

- Heavy duty swivel eye bolt
- Quick and easy installation
- Suitable for both steel and timber structures
- 2mm thickness version suitable for fall arrest only
- 3mm thickness version suitable for abseil and fall arrest use

Uses:

2mm version: Designed to support a fall arrest load of 15 kN in any direction (always in shear) provided a suitable personal shock absorber is used.

3mm version: Designed for abseiling as well as to support a fall arrest load of 15 kN in any direction (always in shear) provided a suitable personal shock absorber is used.

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997, AS/NZS 1891.4:2009, ISO 22846 (2003) and manufacturer's instructions.

Product Warranty:

10 years from date of purchase subject to correct installation, use and maintenance in accordance with manufacturer's specifications and recommendations.

Important Note:

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

Technical Data

Material Used:

Base plate: 2mm or 3mm grade 316 stainless steel

Swivel AA406: Investment cast 316 Stainless Steel

Finish:

Base plate: 2B stainless steel (can be powder coated)

Swivel AA406: Electro polish

Ultimate load:

Abseil 12kN Fall Arrest 15kN

Dimensions:

- Base plate – 282mm x 290mm
- Eye Diameter – 25mm
- Weight – 2mm plate – 1.635g
3mm plate – 2.290g

Fixing Details:

- Timber rafter/ batten – min 70mm x 35mm
- Steel purlin – min gauge 150 x 1.2 mm
- Roof Sheet – min gauge 0.42mm

Installation and Maintenance:

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997, AS/NZS 1891.4:2009, ISO 22846 (2003) and manufacturer's instructions.

Inspection and load testing required by competent person at intervals not exceeding 12 months as specified in AS 1891.4:2009, AS/NZS 4488.2:1997 and ISO 22846 (2003).

Standards:

Complies with WHS Act 2011 and relevant Codes of Practice.

Australian Standard – AS/NZS 1891.4:2009, AS/NZS 4488.2:1997, ISO 22846 (2003) and AS/NZS 5532:2013.



ALLFIT 360° anchor installation instructions



Things to know:

Allfit 360° anchor base plates come in 2 thicknesses: 2mm and 3mm

The **2mm** base plate anchors are designed to support a **FALL ARREST** load of 15 kN when a personal shock absorber compliant with AS/NZS 1891.4:2001 is used. Do not use for abseiling! Suitable for roof pitch max 40 degrees.

The **3mm** base plates are designed for **ABSEILING** as well as to support a **FALL ARREST** load of 15 kN when a personal shock absorber compliant with AS/NZS 1891.4:2001 is used.

Allfit 360° fall arrest anchor points can be used on most types of structurally sound roofs with either timber or steel underlying structure.

Tools needed:

Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Structure requirements:

Timber structure: Minimum size rafter/batten – 70mm x 35mm

Steel structure: Minimum purlin gauge – 150mm x 1.2mm

Roof sheet: Minimum sheet gauge – 0.42mm

Minimum roof size: For **ROPE ACCESS** there must be minimum of **3 PURLINS** supporting the roof sheet and for **FALL ARREST** there must be minimum of **5 PURLINS** supporting the roof sheet!

First purlin or batten: Never install Allfit 360° into the first purlin or batten on the roof's edge unless it's only for rope re-direction and is clearly labelled for this purpose!

Klip lok roof installation: Some Klip Lok designs can be surprisingly easy to unclip. The roof sheet must therefore be secured to the first purlin /batten directly above the installed anchor. The screws should be installed through the ridges of the sheet to avoid waterproofing issues. You might need to pre-drill the holes as the fixing clips can be hard to penetrate.

Sheet overlap and underlap:

To ensure maximum strength observe the sheet underlap and overlap. This is especially important with 'Klip-lok' type roofs.

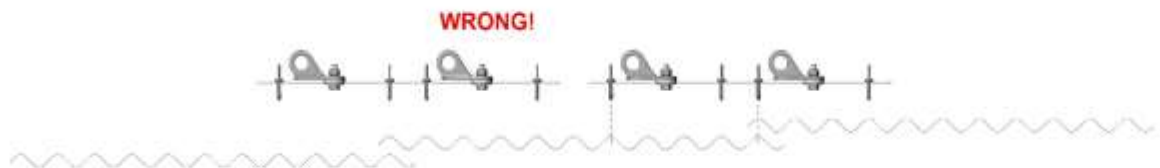
The diagram below shows klip-lok roof where there is no full lap in the 3rd picture. This situation is dangerous!



The diagram below shows 'screwed down' type of roof deck. The 2nd picture shows a situation which can be dangerous if there is no screw securing the sheet on the overlap!



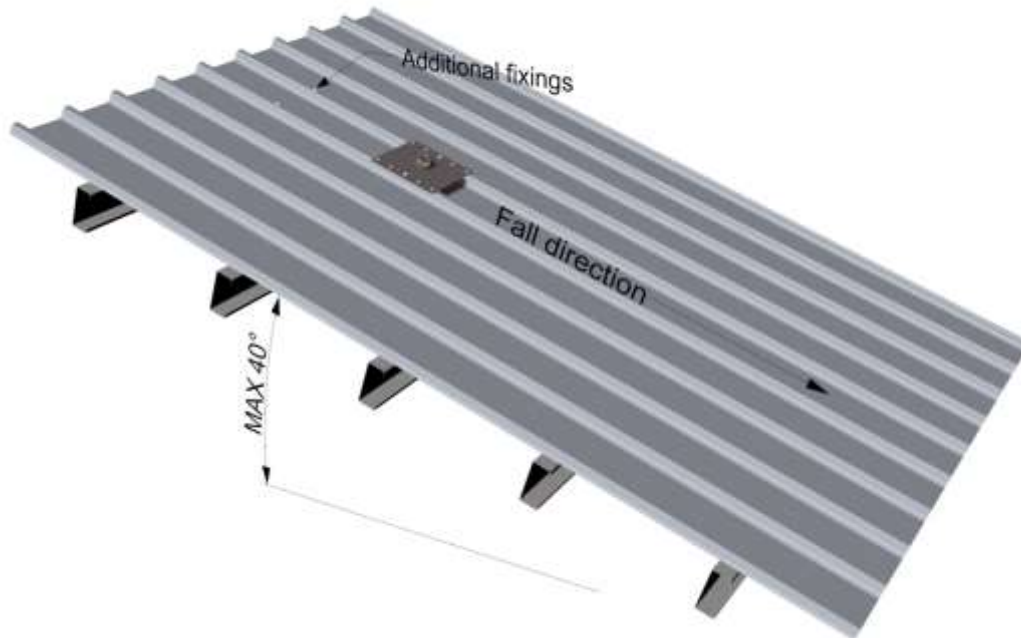
The diagram below shows the corrugated 'screwed down' type of roof deck. The 2nd picture shows a situation which can be dangerous if there is no screw securing the sheet on the overlap!



Installation steps:

1. Identify the underlying structure. Is it timber or metal? Set aside the right screws.
2. Locate purlin (or batten) and place the anchor point down onto the roof sheet. Remove 1 or 2 roof screws if necessary and determine which row of fixing holes will fit the best for the roof sheet.
3. Install 2x 14G screws through the central fixing holes through the roof sheet into the purlin/ batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten. The anchor must be always screwed to the purlin/batten!
4. Drill 8 holes into the roof sheet through the pre-drilled holes of the anchor point using 8mm drill bit.
5. Install eight aluminium bulbtite rivets provided using rivet gun. Ensure correct rivet penetration!
6. If you are installing into a KlipLok roof, the roof sheet must be fixed with minimum 2 extra screws to the purlin/ batten directly above or under the anchor point depending on force direction as per the drawing below.

7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag.
8. The Allfit 360° is now ready to be used.



Annual re-certification

All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2009 and AS/NZS 4488.2:1997

Note:

The roof structure must be assessed by a structural engineer unless it is clear to a suitably qualified person that it is capable of withstanding the forces imposed on it during arresting of a fall and during work positioning.

DISCLAIMER

All product specifications and technical descriptions, recommendations and other information provided in this document are given as general guidance and advice, and are to be considered in conjunction with Safety Roof Anchors installation instructions and any other data available and applicable to each particular standard product or system. Use of such data is however the user's sole responsibility taking into account the intended application and actual conditions existing on the specific worksite. Consequent selection of the right product for any particular use remains the user's ultimate responsibility.

Safety Roof Anchors is therefore not obligated or liable for any direct or indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of the suitability and use of or otherwise, any product or system for any purpose. Implied warranties of merchantability or fitness for any particular purpose are specifically excluded. Safety Roof Anchors maintains a policy of continuous improvement and development, and therefore reserves the right to modify, amend or otherwise alter product and system designs and specification, models and part numbers, colours and pricing etc., without prior notice. Safety Roof Anchors accepts no liability whatsoever for incorrect information, errors or omissions.



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SPECIFICATION: ALLFIT 360° SURFACE MOUNT ANCHOR



The System

Allfit 360° is a top fixed fall arrest anchor point designed for easy installation into a wide variety of steel roofs. The pre-drilled base plate provides for a quick installation while the swivelling eyebolt ensures uniform loading to all sides.

Special Features:

- Heavy duty swivel eye bolt
- Quick and easy installation
- Suitable for both steel and timber structures
- 2mm thickness version suitable for fall arrest only
- 3mm thickness version suitable for abseil use

Uses:

2mm version: Designed to support a fall arrest load of 15 kN in any direction (always in shear) provided a suitable personal shock absorber is used.

3mm version: Designed for abseiling as well as to support a fall arrest load of 15 kN in any direction (always in shear) provided a suitable personal shock absorber is used.

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997, AS/NZS 1891.4:2009, ISO 22846 (2003) and manufacturer's instructions.

Product Warranty:

10 years from date of purchase subject to correct installation, use and maintenance in accordance with manufacturer's specifications and recommendations.

Important Note:

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

Technical Data

Material Used:

Base plate: 2mm or 3mm grade 316 stainless steel

Swivel eyebolt: Investment cast 316 Stainless Steel

Finish:

Base plate: 2B stainless steel (can be powder coated)

Swivel eyebolt: Electro polish

Ultimate load:

Abseil 12kN Fall Arrest 15kN

Dimensions:

- Base plate – 282mm x 290mm
- Eye Diameter – 32mm x 26mm
- Weight – x

Fixing Details:

- Timber rafter/ batten – min 70mm x 35mm
- Steel purlin – min gauge 150 x 1.2 mm
- Roof Sheet – min gauge 0.42mm

Installation and Maintenance:

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997 8.2:1997 and AS/NZS 1891.4:2009 and manufacturer's instructions.

Inspection and load testing required by competent person at intervals not exceeding 12 months as specified in AS 1891.4:2009, AS/NZS 4488.2:1997 and ISO 22846 (2003).

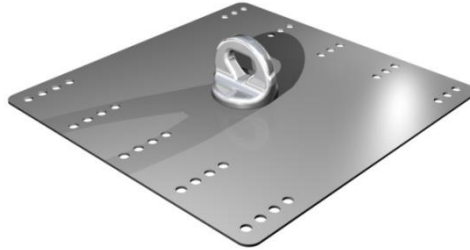
Standards:

Complies with WHS Act 2011 and relevant Codes of Practice.

Australian Standard – AS/NZS 1891.4:2009, AS/NZS 4488.2:1997, ISO 22846 (2003) part 1 & 2 – Industrial rope access systems (Selection, use and maintenance) and AS/NZS 5532:2013.



ALLFIT 360° anchor installation instructions



Things to know:

Allfit 360° anchor base plates come in 2 thicknesses: 2mm and 3mm

The **2mm** base plate anchors are designed to support a **FALL ARREST** load of 15 kN when a personal shock absorber compliant with AS/NZS 1891.4:2001 is used. Do not use for abseiling! Suitable for roof pitch max 40 degrees.

The **3mm** base plates are designed for **ABSEILING** as well as to support a **FALL ARREST** load of 15 kN when a personal shock absorber compliant with AS/NZS 1891.4:2001 is used.

Allfit 360° fall arrest anchor points can be used on most types of structurally sound roofs with either timber or steel underlying structure.

Tools needed:

Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Structure requirements:

Timber structure: Minimum size rafter/batten – 70mmx 35mm

Steel structure: Minimum purlin gauge – 150mm x 1.2mm

Roof sheet: Minimum sheet gauge – 0.42mm

Minimum roof size: For **ROPE ACCESS** there must be minimum of **3 PURLINS** supporting the roof sheet and for **FALL ARREST** there must be minimum of **5 PURLINS** supporting the roof sheet!

First purlin or batten: Never install Allfit 360° into the first purlin or batten on the roof's edge unless it's only for rope re-direction and is clearly labelled for this purpose!

Klip lok roof installation: Some Klip Lok designs can be surprisingly easy to unclip. The roof sheet must therefore be secured to the first purlin /batten directly above the installed anchor. The screws should be installed through the ridges of the sheet to avoid waterproofing issues. You might need to pre-drill the holes as the fixing clips can be hard to penetrate.

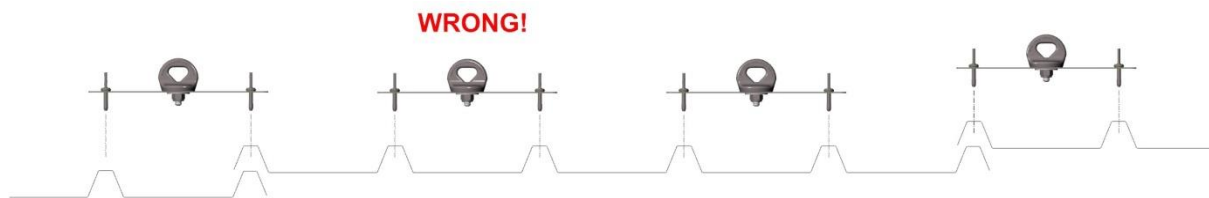
Sheet overlap and underlap:

To ensure maximum strength observe the sheet underlap and overlap. This is especially important with 'Klip-lok' type roofs.

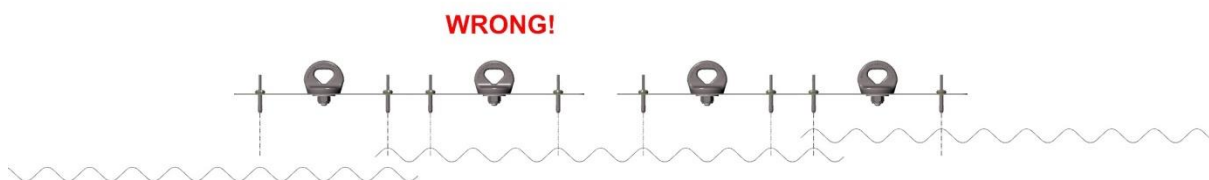
The diagram below shows klip-lok roof where there is no full lap in the 3rd picture. This situation is dangerous!



The diagram below shows 'screwed down' type of roof deck. The 2nd picture shows a situation which can be dangerous if there is no screw securing the sheet on the overlap!



The diagram below shows the corrugated 'screwed down' type of roof deck. The 2nd picture shows a situation which can be dangerous if there is no screw securing the sheet on the overlap!

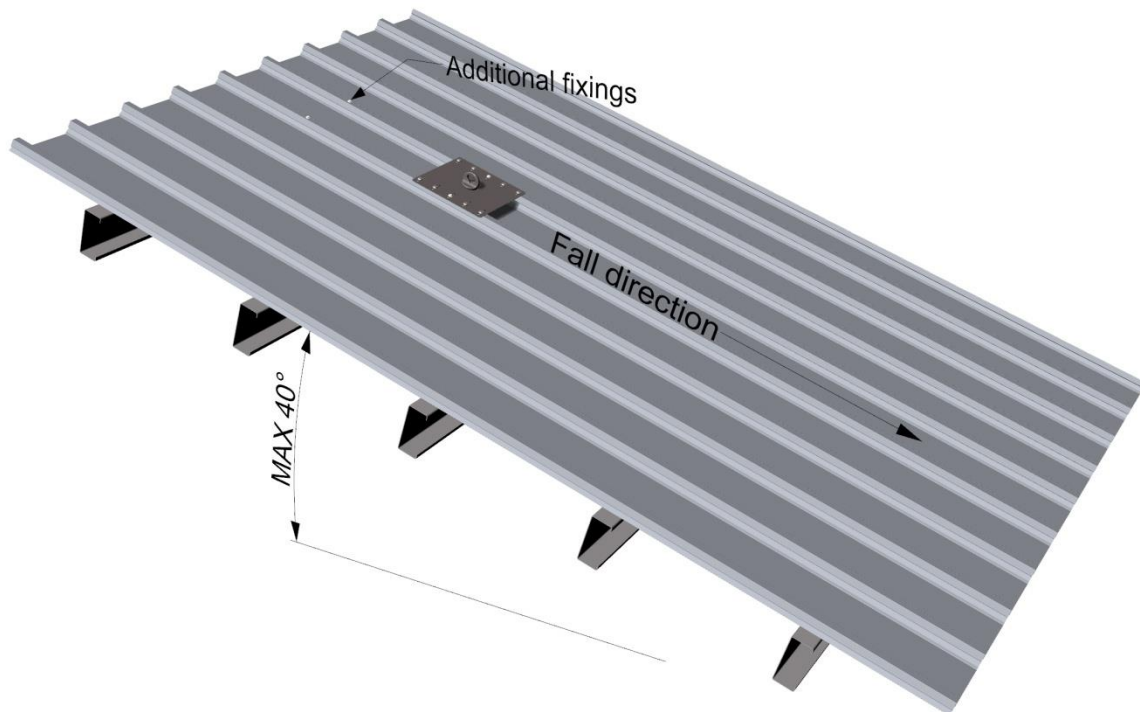


Installation steps:

1. Identify the underlying structure. Is it timber or metal? Set aside the right screws.
2. Locate purlin (or batten) and place the anchor point down onto the roof sheet. Remove 1 or 2 roof screws if necessary and determine which row of fixing holes will fit the best for the roof sheet.
3. Install 2x 14G screws through the central fixing holes through the roof sheet into the purlin/ batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten. The anchor must be always screwed to the purlin/batten!
4. Drill 8 holes into the roof sheet through the pre-drilled holes of the anchor point using 8mm drill bit.
5. Install eight aluminium bulbtite rivets provided using rivet gun. Ensure correct rivet penetration!
6. If you are installing into a KlipLok roof, the roof sheet must be fixed with minimum 2 extra screws to the purlin/ batten directly above or under the anchor point depending on force direction as per the drawing below.

7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag.

8. The Allfit 360° is now ready to be used.



Annual re-certification

All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2009 and AS/NZS 4488.2:1997

Note:

The roof structure must be assessed by a structural engineer unless it is clear to a suitably qualified person that it is capable of withstanding the forces imposed on it during arresting of a fall and during work positioning.



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SPECIFICATION: MAXIFIT 360° SURFACE MOUNT ANCHOR



The System

MaxiFit 360° is a top fixed fall arrest anchor point designed for easy installation into LongSpan roof sheet. The pre-drilled base plate provides for a quick installation while the swivelling eyebolt ensures uniform loading to all sides.

Special Features:

- Heavy duty swivel eye bolt
- Full grade 316 stainless steel construction
- Quick and easy installation
- Suitable for both steel and timber structures

Uses:

Designed for abseiling and to support a fall arrest load of 15 kN in any direction (always in shear) provided a suitable personal shock absorber is used.

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997, ISO 22846 (2003) AS/NZS 1891.4:2009 and manufacturer's instructions.

Standards:

Complies with WHS Act 2011 and relevant Codes of Practice.

Australian Standard – AS/NZS 1891.4:2009, AS/NZS 4488.2:1997, AS/NZS 5532:2013 and ISO 22846 (2003)

Technical Data

Material Used:

Base plate: 3mm grade 316 stainless steel

Swivel anchor: Investment cast 316 Stainless Steel

Finish:

Base plate: 2B stainless steel (can be powder coated)

Swivel anchor: Electro polish

Ultimate load:

15 kN

Dimensions:

- Size of plate – 337mm x 347mm
- Eye Diameter – 25 mm
- Weight – 3,040 grams

Fixing Details:

- Timber rafter/ batten – min 70mm x 35mm
- Steel Purlin – min gauge 150 x 1.2 mm, 50mm x 100mm
- Roof Sheet – min gauge 0.42mm
- LYSAGHT TOPSPAN® 40 top hat, 550MPa min yield strength

Maintenance:

Inspection required by competent person at intervals not exceeding 12 months as specified in AS 1891.4:2009 and ISO 22846 (2003)



MAXIFIT 360° anchor installation instructions



Things to know:

Maxifit 360° anchor points are designed for **ABSEILING** as well as to support a **FALL ARREST** load of 15 kN when a personal shock absorber compliant with AS/NZS 1891.4:2001 is used.

Maxifit 360° fall arrest anchor points can be used on most types of structurally sound roofs with either timber or steel underlying structure.

Tools needed:

Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Structure requirements:

Timber structure: Minimum size rafter/batten – 70mm x 35mm

Steel structure: Minimum purlin gauge – 150mm x 1.2mm

Roof sheet: Minimum sheet gauge – 0.42mm

Minimum roof size: For **ROPE ACCESS** there must be minimum of **3 PURLINS** supporting the roof sheet and for **FALL ARREST** there must be minimum of **5 PURLINS** supporting the roof sheet!

First purlin or batten: Never install Maxifit 360° into the first purlin or batten on the roof's edge unless it's only for rope re-direction and is clearly labelled for this purpose!

Klip lok roof installation: Some Klip Lok designs can be surprisingly easy to unclip. The roof sheet must therefore be secured to the first purlin /batten directly above the installed anchor. The screws should be installed through the ridges of the sheet to avoid waterproofing issues. You might need to pre-drill the holes as the fixing clips can be hard to penetrate.

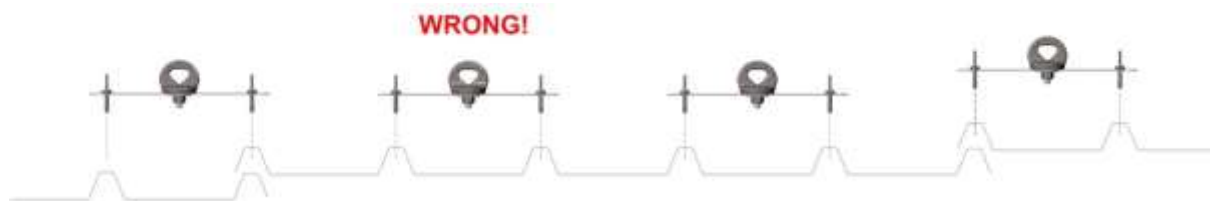
Sheet overlap and underlap:

To ensure maximum strength observe the sheet underlap and overlap. This is especially important with 'Klip-lok' type roofs.

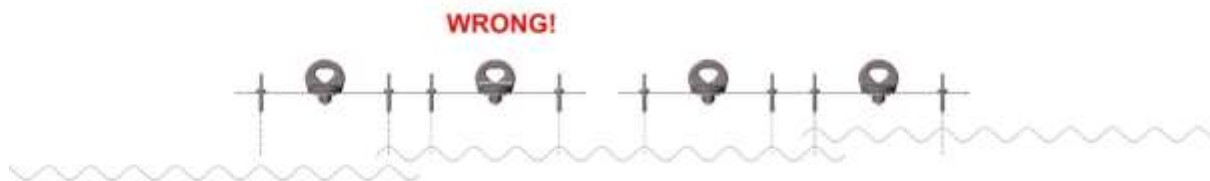
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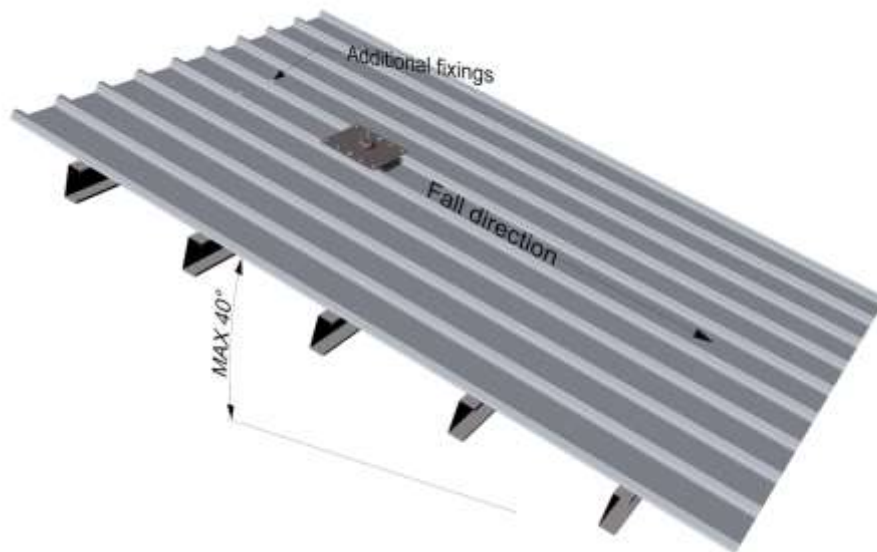
The diagram below shows the corrugated 'screwed down' type of roof deck. The 2nd picture shows a situation which can be dangerous if there is no screw securing the sheet on the overlap!



Installation steps:

1. Identify the underlying structure. Is it timber or metal? Set aside the right screws.
2. Locate purlin (or batten) and place the anchor point down onto the roof sheet. Remove 1 or 2 roof screws if necessary and determine which row of fixing holes will fit the best for the roof sheet.
3. Install 2x 14G screws through the central fixing holes through the roof sheet into the purlin/ batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten. The anchor must be always screwed to the purlin/batten!
4. Drill 8 holes into the roof sheet through the pre-drilled holes of the anchor point using 8mm drill bit.
5. Install eight aluminium bulbtite rivets provided using rivet gun. Ensure correct rivet penetration!
6. If you are installing into a KlipLok roof, the roof sheet must be fixed with minimum 2 extra screws to the purlin/ batten directly above or under the anchor point depending on force direction as per the drawing below.

7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag.
8. The Maxifit 360° is now ready to be used.



Annual re-certification

All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2009 and AS/NZS 4488.2:1997

Note:

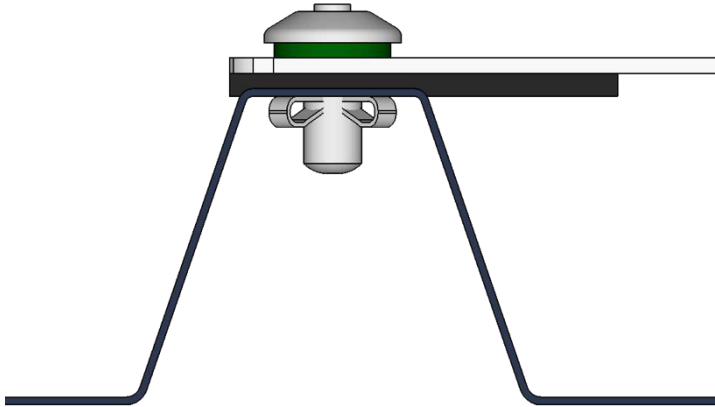
The roof structure must be assessed by a structural engineer unless it is clear to a suitably qualified person that it is capable of withstanding the forces imposed on it during arresting of a fall and during work positioning.

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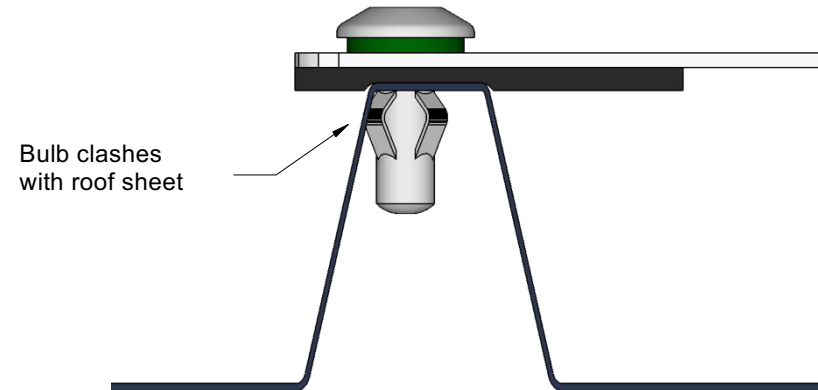
Safety Roof Anchors is therefore not obligated or liable for any direct or indirect, incidental or consequential damages, losses or expenses in connection with, or by reason of the suitability and use of or otherwise, any product or system for any purpose. Implied warranties of merchantability or fitness for any particular purpose are specifically excluded. Safety Roof Anchors maintains a policy of continuous improvement and development, and therefore reserves the right to modify, amend or otherwise alter product and system designs and specification, models and part numbers, colours and pricing etc., without prior notice. Safety Roof Anchors accepts no liability whatsoever for incorrect information, errors or omissions.

RIVET INSTALLATION DETAILS



CORRECT

- The stem can be seen just above or just below the top (max 5mm below).
- The rivet has 'bulbed out' correctly.
- The rivet is sealed off correctly.
- It is recommended that silicone is applied if the rivet is 3mm or more below.
- If you are unsure, double check by looking at the seal under the rivet. If it is squashed and rivet feels tight then it has bulbed out correctly.



INCORRECT

- The stem is too far below the surface.
- The rivet has NOT 'bulbed out' correctly and therefore has no strength.
- The rivet is not sealed off adequately which could pose potential leak issues.

NOTE – The cause of this is often due to the 'bulb' not being able to expand out as it clashes with the side of the roof sheet. The rivet must go into the centre to avoid this happening.





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SPECIFICATION: PG1 PROFILE GRIP SURFACE MOUNT ANCHOR POINT

AUSTRALIAN PATENT 2004218599



The System

Profile Grip PG1 is a top fixed anchor point designed for an exact fit specifically to Longline305 roof sheet profile. The tailored fit in conjunction with 360° swivel action dramatically improves the loading properties of this surface mount anchor.

Special Features:

- Swivelling anchor point
- Easy installation doesn't require access to the underside of roof
- Unique way of fixing works in unison with the host structure
- Suitable for abseiling and fall arrest
- Suitable for both steel and timber structures

Uses:

Designed for industrial rope access (abseiling) and to support a fall arrest load of 15 kN in any direction (always in sheer) provided a suitable personal shock absorber is used.

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997 and AS/NZS 1891.4:2009 and manufacturer's instructions.

Technical Data

Material Used:

Profile Grip plate: 3mm grade 316 stainless steel

Swivel anchor: Investment cast 316 Stainless Steel

Finish:

Profile Grip plate – 2B Stainless Steel

Swivel anchor - Electro polish

Profile Grip plates can be supplied in any Colorbond colour

Ultimate load:

15 kN

Dimensions:

- Length of plate – 300 mm
- Eye Diameter – 25 mm
- Weight – 2,725 Kg

Fixing Details:

- Timber rafter/ batten – min 70mm x 35mm
- Steel Purlin – min gauge 150 x 1.2 mm
- Roof Sheet – min gauge 0.42mm

Maintenance:

Inspection required by competent person at intervals not exceeding 12 months as specified in AS 1891.4:2009 and ISO 22846 (2003)

Standards:

Complies with WHS Act 2011 and relevant Codes of Practice.

Australian Standard – AS/NZS 1891.4:2009, AS/NZS 4488.2:1997, ISO 22846 (2003) and AS/NZS 5532:2013



PG 1- Profile Grip anchor installation instructions



Things to know:

Profile Grip (PG 1 – Longline) anchor point can be used for rope access (abseiling) as well as to support a fall arrest load of 15 kN when a suitable personal shock absorber is used. Profile Grips can be used on all structurally sound roofs with either timber or steel underlying structure of the following minimum requirements:

Timber structure: Minimum size rafter/batten – 70mm x 35mm

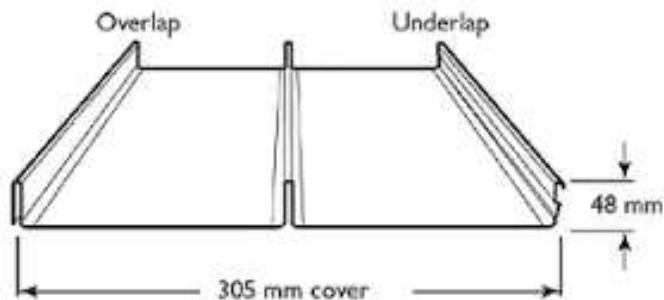
Steel structure: Minimum purlin gauge – 150mm x 1.2mm

Minimum roof size: There must be minimum of 3 purlins supporting the roof sheet

First purlin or batten: Never install Profile Grips into the first purlin or batten on the roof's edge!

Loading: Always load the Profile Grips in shear under an angle not exceeding 20° with the surface of the roof.

Roof sheet: Designed specifically for LONGLINE roof sheet only! Minimum sheet gauge – 0.42mm.



Tools needed:

Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Installation steps:

1. Identify the roof profile. Refer to the picture above for dimensions.
2. Identify the host structure. Is it timber or metal? Set aside the right screws.
3. Locate purlin (or batten) and place the Profile Grip down onto the roof sheet. The central holes on the bottom flanges (1) must be positioned over the centre of the purlin or batten.
4. Install 2x 14G screws through the holes (1), through the roof sheet into the purlin or batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten.
5. Drill 8 holes into the roof sheet through the pre-drilled holes (2) of the Profile Grip using 8mm drill bit.
6. Install eight aluminium bulbtite rivets provided using rivet gun.
7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag
8. The Profile Grip is now ready to be used.

Annual re-certification

All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2009 and AS/NZS 4488.2:1997

Note:

The roof structure must be assessed by a structural engineer unless it is clear to a suitably qualified person that it is capable of withstanding the forces imposed on it during arresting of a fall and during work positioning.

DISCLAIMER

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S.R.A. fully engineered product range

400 Series

Truss-T-Grip®

Profile Grips

Ladder Restraint Brackets

Fixings

SPECIFICATION: PG2 PROFILE GRIP SURFACE MOUNT ANCHOR POINT

AUSTRALIAN PATENT 2004218599



The System

Profile Grip PG2 is a top fixed anchor point designed for exact fit specifically to Brownbilt 406 roof sheet profile. The tailored fit in conjunction with 360° swivel action dramatically improves loading properties of this surface mount anchor.

Special Features:

- Swivelling anchor point
- Easy installation doesn't require access to the underside of roof
- Unique way of fixing works in unison with the host structure
- Suitable for abseiling and fall arrest
- Suitable for both steel and timber structures

Uses:

Designed for industrial rope access (abseiling) and to support a fall arrest load of 15 kN in any direction (always in sheer) provided a suitable personal shock absorber is used.

Installation by trained and certified personnel in accordance with AS/NZS 4488.2:1997 and AS/NZS 1891.4:2009 and manufacturer's instructions.

Technical Data

Material Used:

Profile Grip plate: 3mm grade 316 stainless steel

Swivel anchor: Investment cast 316 Stainless Steel

Finish:

Profile Grip plate – 2B Stainless Steel

Swivel anchor - Electro polish

Profile Grip plates can be supplied in any Colorbond colour

Ultimate load:

15 kN

Dimensions:

- Length of plate – 300 mm
- Eye Diameter – 25 mm
- Weight – 3,080 Kg

Fixing Details:

- Timber rafter/ batten – min 70mm x 35mm
- Steel Purlin – min gauge 150 x 1.2 mm
- Roof Sheet – min gauge 0.42mm

Maintenance:

Inspection required by competent person at intervals not exceeding 12 months as specified in AS 1891.4:2009 and ISO 22846 (2003)

Standards:

Complies with WHS Act 2011 and relevant Codes of Practice.

Australian Standard – AS/NZS 1891.4:2009, AS/NZS 4488.2:1997, ISO 22846 (2003) and AS/NZS 5532:2013



PG 2 - Profile Grip anchor installation instructions



Things to know:

Profile Grip (PG 2 - Brownbuilt) anchor point can be used for rope access (abseiling) as well as to support a fall arrest load of 15 kN when a suitable personal shock absorber is used. Profile Grips can be used on all structurally sound roofs with either timber or steel underlying structure of the following minimum requirements:

Timber structure: Minimum size rafter/batten – 70mm x 35mm

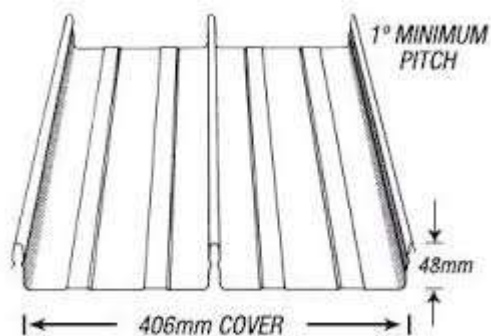
Steel structure: Minimum purlin gauge – 150mm x 1.2mm

Minimum roof size: There must be minimum of 3 purlins supporting the roof sheet

First purlin or batten: Never install Profile Grips into the first purlin or batten on the roof's edge!

Loading: Always load the Profile Grips in sheer under an angle not exceeding 20° with the surface of the roof.

Roof sheet: Designed specifically for BROWN BUILT roof sheet only! Minimum sheet gauge – 0.42mm.



Tools needed:

Cordless drill, 8mm drill bit, hex bit driver, rivet gun, brush and dust pan or vacuum

Installation steps:

1. Identify the roof profile. Refer to the picture above for dimensions.
2. Identify the host structure. Is it timber or metal? Set aside the right screws.
3. Locate purlin (or batten) and place the Profile Grip down onto the roof sheet. The central holes on the bottom flanges (1) must be positioned over the centre of the purlin or batten.
4. Install 2x 14G screws through the holes (1), through the roof sheet into the purlin or batten. Be sure you use the correct fixing screws for the steel or timber structure. Do not over tighten.
5. Drill 8 holes into the roof sheet through the pre-drilled holes (2) of the Profile Grip using 8mm drill bit.
6. Install eight aluminium bulbtite rivets provided using rivet gun.
7. Remove any steel shavings to prevent roof corrosion and install a weatherproof certification tag
8. The Profile Grip is now ready to be used.

Annual re-certification

All anchor points must be inspected and certified before their initial use and subsequently on regular basis to satisfy the requirements set out in AS/NZS 1891.4:2009 and AS/NZS 4488.2:1997

Note:

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