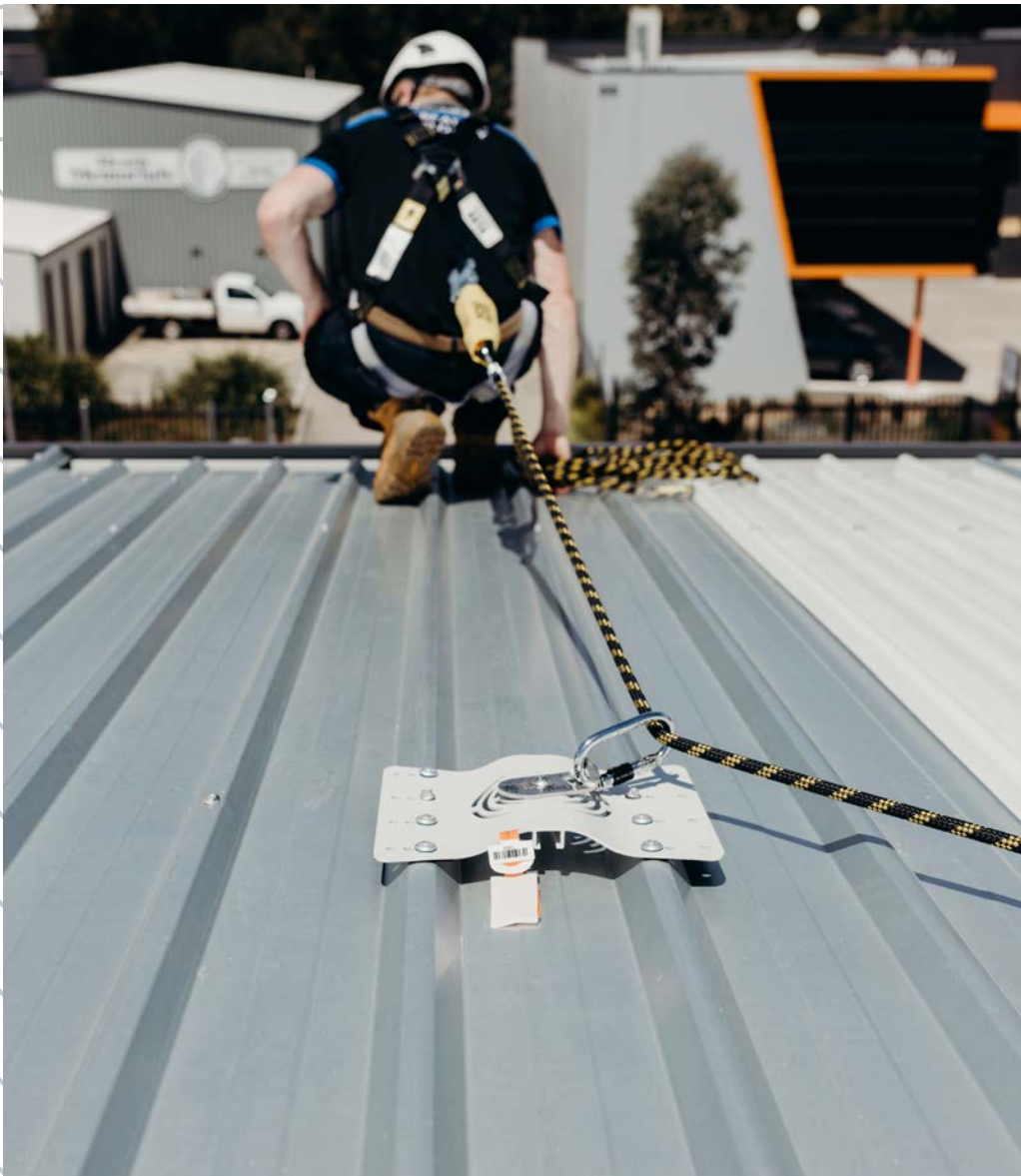
Kattsafe Height access and fall protection

INSTALLATION MANUAL

RAPID TOP MOUNT ANCHOR

AP135



The Kattsafe rapid top mount anchor is a proprietary fall arrest anchor with unique energy absorbing abilities designed for simple installation.

Product brochure
Rapid top mount anchor

Installation manual
Rapid top mount anchor

Operation manual
Rapid top mount anchor

Find all related products and resources on our website kattsafe.com.au

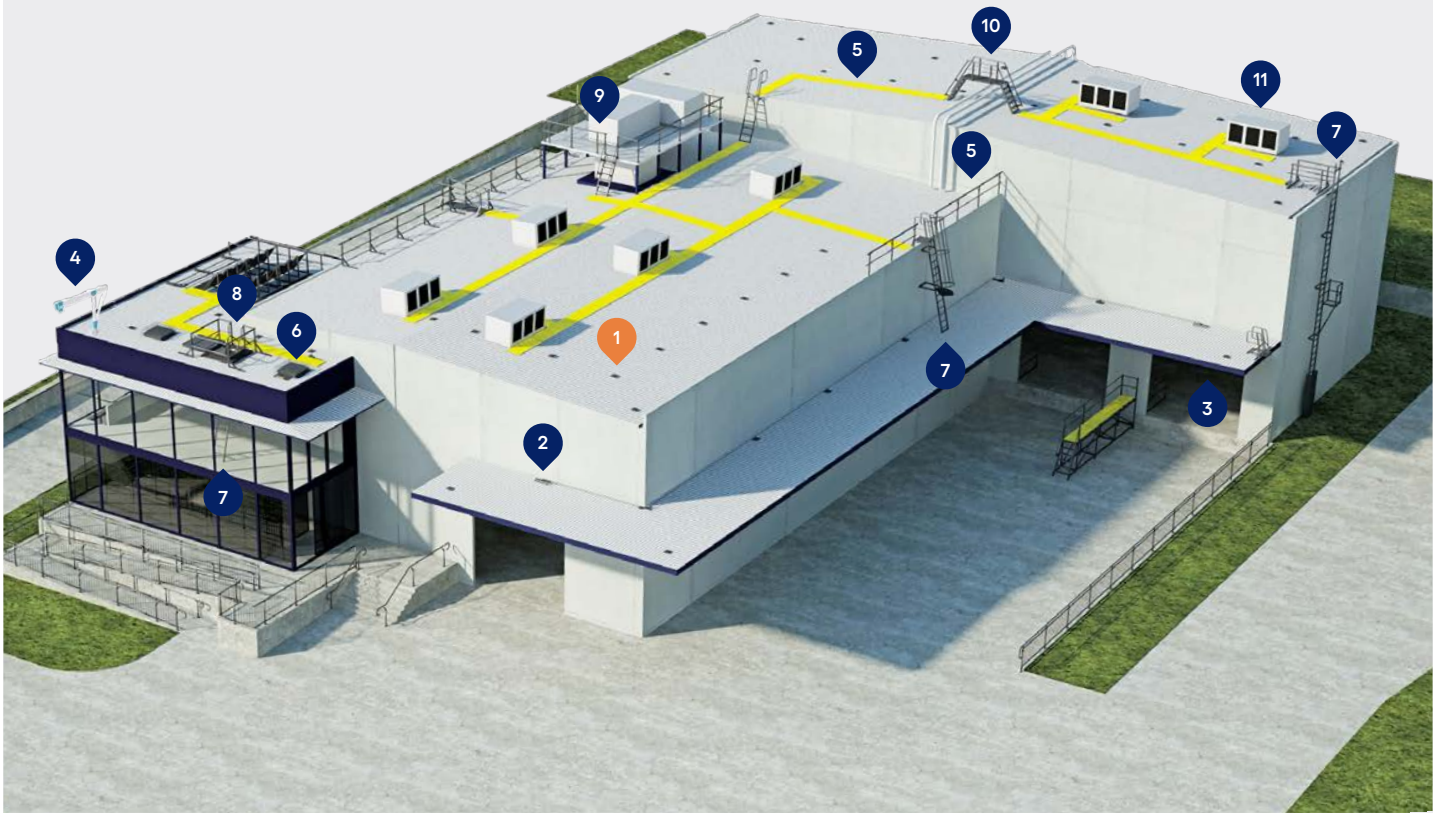
Commercial building height access and fall protection requirements

Kattsafe leads the industry in the design, installation and management of access and fall protection safety systems.

The in-action model demonstrates access and fall protection requirements for a commercial building design. Kattsafe recommendations fulfill current workplace requirements for the safety of building maintenance subcontractors, employees and the general public.

For more information please contact Kattsafe.
kattsafe.com.au

1 **Anchor points**
2 Static lines
3 Rigid rail
4 Davits and needles
5 Guardrail and walkway
6 Skylight protectors
7 Rung ladders
8 Access hatches
9 Platforms and stairs
10 Step ladders
11 HVAC platforms



RAPID TOP MOUNT ANCHOR

Designed for a simple, rapid installation, the rapid top mount anchor provides effective fall protection when working at heights.

Powder coated finish

Eliminates dissimilar metal issues. Heavy duty coating for long term durability.

High tensile aluminium plate

Lightweight construction at only 700g. Simple installation with increased long term durability.

Anchor attachment eyelet

15kN fall arrest rated. Swivel action ensures no snap hook roll-out and has unique energy absorbing functionality.

Energy deforming slots

Increases load absorption in a dynamic fall situation by allowing plate flexibility.

Label connection

Allows easy and safe attachment of recertification tag.

Load absorption tabs

Load tabs are designed to severely reduce energy as loads increase. Provides simple visual inspection of anchor integrity.

TOOLS AND EQUIPMENT

Cordless drill

8mm metal drill bit

3/8 nut setter

Battery operated Gesipa riveter

or Hand operated Gesipa riveter

Rag or brush

Tape measure

Roof marking pen

INSTALLATION REQUIREMENTS

Must be read prior to installation

1. This system must only be installed by competent persons trained in the selection, use and maintenance of fall arrest systems and hold a current Kattsafe approved installer certificate.
2. Persons installing this system are required to have a comprehensive knowledge of the Australian Standards, codes of practice and industry guidelines that relate to the selection, use and maintenance of fall arrest systems and equipment.
3. Integrity and suitability of the structure to which this system is attached must be approved by a structural engineer unless it is clear to a competent person as to the suitability of connection to structure.
4. Read installation and operating instructions carefully before commencing any work. Consent to deviate from the installation guide must be obtained in writing from the manufacturer.
5. Conduct an initial work/risk assessment, and take all reasonable precautions to eliminate or control potential hazards and risks during the installation of this product.
6. Complete all necessary WHS documentation, including a Job Safety Analysis and Work Method Statement and obtain consent from responsible person in workplace prior to commencement of work.
7. Installers must be authorised and accredited by Kattsafe and possess valid industry licenses, be appropriately trained, and comply with all relevant WHS legislation prior to installation of this product.
8. Do not modify or remove any element of the support structure without prior authorisation by a qualified engineer.
9. Any re-routing of electrical and/or other services must be carried out by qualified or authorised personnel.
10. Appropriate temporary access and safety equipment must be used during installation, such as platform ladders or scaffolding and fall protection anchorage points.
11. In case of emergency access and fall arrest systems must be installed by a minimum of two persons.
12. Do not tamper with, modify or remove any part this system unless authorised by the manufacturer.
13. Appropriate labels or markings must be attached to each system and include the following:
    - System for personnel use only
    - Service entry date
    - Next examination/service due date
    - Harness gear requirements and system compatibility
    - Maximum designed load ratings
    - Installer/Certifier contact details
    - Decorative coatings and coverings must be removed to ensure correct evaluation of structure prior to attachment of system
14. Documentation confirming correct use and maintenance of the system and equipment must be provided to the workplace manager on completion of installation. (See operation manual).

Kattsafe instructions and recommendations, drawings and diagrams, and all other documentation are copyright, errors and omissions excepted, and must be carefully read and implemented. Any assistance or guidance given is without prejudice, and Kattsafe cannot be held responsible for any inaccuracy or misinterpretation whatever. Failure to follow site installation requirements and warnings, may result in serious injury or death.

Kattsafe accepts no direct or indirect responsibility and/or consequential liability whatever, for any products and systems incorrectly installed or certified. Kattsafe cannot warrant the integrity or suitability of the structure to which the products may be attached. Prior assessment must be made by a qualified structural engineer, unless the structure is authorised or approved by a competent person.

Must be read prior to installation

As the rapid top mount anchor is a life saving device, extreme care in following the instructions below must be taken when installing this system.

1. Prior to installation of the rapid top mount anchors, it is important to understand the nature of work being undertaken by workmen at height. It is essential that the system installed is fit for purpose and the nature of work being done can be safely undertaken using a fall arrest harness and lanyard system.
2. The rapid top mount anchor is designed to be fixed using qty 8 x 8mm bulb type rivets into the roof deck. The fixing kit provided with the anchor includes qty 8 x 8mm bulb type rivets and qty 2 x 14 G self drill screws when fixing the anchor over a purlin is required.
3. The golden rule when fixing the rapid top mount anchor with rivets only is to connect the anchor to 2 roof sheets. This can be through the roof sheet lap join where both roof sheets would be secured or adjacent the lap if this is required. This doubles the load redundancy factor compared to connecting to a single roof sheet only.
4. There are 2 methods of roof deck fixing to structure and it is important to understand the dynamics of both. The screw fix method ensures there is a lesser possibility of roof sheet delamination in a fall situation whereas the clip fix type roof deck is very easily delaminated. Extra care must be taken to ensure the roof deck suitability by attaching the anchor to 2 roof sheets in all situations.
5. To avoid roof deck delamination in a fall situation, it is also important to ensure the roof deck is connected to sufficient roof structure. A screw fix roof requires a minimum of 3 purlins connected to the roof sheet whereas a clip fix type roof requires a minimum of 10 purlins.
6. The rapid top mount anchor fixed with rivets only must not be attached less than 2 metres from the roof end opposite the fall side of the roof sheet. Again, this is to ensure there is no possibility of roof sheet delamination should the anchor be required to arrest a fall.

When is screw fixing the rapid top mount anchor to the purlin required?

Although the top mount rapid anchor is designed for rivet only fixing, should any one of the critical fixing criteria not be possible, then the anchor must be screw fixed into the purlin using the qty 2 x 14G screws. When the top mount rapid anchor is screw fixed to the purlin, the following changes to the fixing criteria can be made.

– Fixing over single roof sheet is suitable
– Fixing to a clip fix roof connected to 3 purlins or more is suitable
– Fixing closer than 2 metres to the roof end is suitable

Kattsafe recommend that if you have any doubt as to the roof sheet ability to delaminate in a fall situation, to use the 2 self drilling screws provided, securing the anchor to the purlin or securing the roof sheet to the purlins at the nearest purlin to the anchor.

Correct positioning of a fall arrest anchor is critical to ensure the system can be safely accessed and without risk of a fall when connecting the lanyard to the anchor. Positioning of subsequent anchors is critical to ensure the user is not required extend the lanyard at any point creating a pendulum fall risk which is created by incorrect positioning or insufficient anchors provided.

SYSTEM LIMITATIONS

Must be read prior to use

1. The anchor is suitable for single (1) person use and rescue in the case of a fall incident. (15kN)
2. Only to be used by competent persons with proof of training by a Registered Training Organisation (RTO) in the use fall protection and rope access systems.
3. Harness equipment is susceptible to deterioration when exposed to chemicals or hazardous environments and must be approved by the manufacturer for use in these applications.
4. This system, under normal use and environment, has a life expectancy of a minimum 10 years. A manufacturer's assessment and certification to confirm suitability for an additional 5 years use, or more is recommended. This will depend on location, usage and scheduled maintenance as per manufacturer and legislative requirements.
5. Operators of this system must be connected via a lanyard with a personal energy absorber when used as a fall arrest system in accordance to Australian Standard AS/NZS 1891.1.
6. This anchor is not suitable for use as a primary rope access anchor, however in the event of an emergency rescue it is designed for use as a rope access anchor. It is recommended that two separate anchors should be used where possible.
7. Where slopes exceed 40°, the rapid top mount anchor must not be used as the energy absorbing eyelet may deform under constant load.
8. Do not exceed maximum number of users/persons per system. See specific system data plate for user configuration.
9. Do not tamper with or make alterations to system components without manufacturer's consent.
10. This system is not to be used for tethering or lifting machinery or equipment.
11. The safety system must be recertified by a competent height safety inspector as recommended (or as per statutory requirements):
    - Non corrosive/mild environment – 12 monthly.
    - Corrosive/harsh environment – 6 monthly (more frequent inspection may be required).

Kattsafe recommends that persons using fall arrest systems do not work alone in case of an emergency and help is required.

Should any part of the system/equipment have been subjected to abnormal loading, use must be discontinued until replaced/recertified by a competent height safety inspector.

AUSTRALIAN STANDARDS SUMMARY

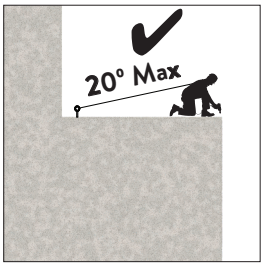


Figure 1

CORRECT Anchor loading in shear.

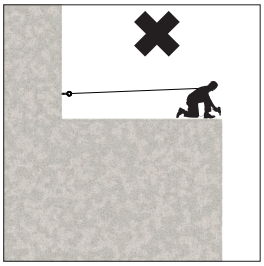


Figure 2

INCORRECT Anchor loading in tension. (Through bolt or cast-in anchors acceptable)

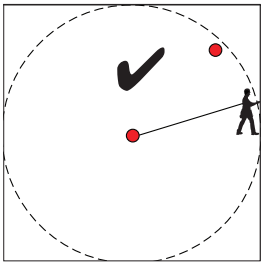


Figure 3

CORRECT Anchor positioning, NO risk of pendulum fall.

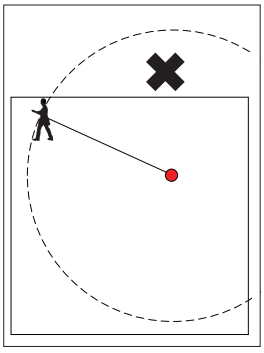


Figure 4

INCORRECT Anchor position, allows risk of pendulum fall.

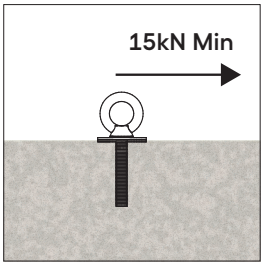


Figure 6

Load rating single person use

– 15kN design load - fall arrest/ single person

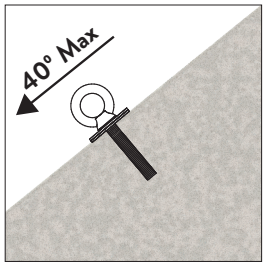


Figure 6

Angle of slope max 40° for fall arrest anchor.

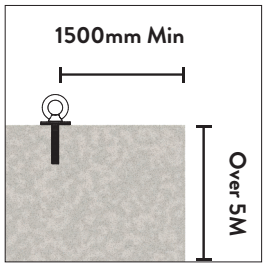


Figure 7

Anchor positioning for fall arrest minimum 1500mm from edge if vertical height is over 5000mm.

*See fall clearance page

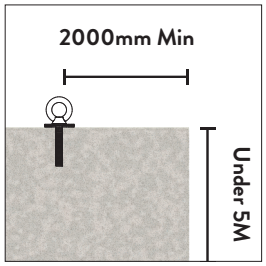


Figure 8

Anchor positioning fall arrest minimum 2000mm from edge if vertical height is under 5000mm.

*See fall clearance page

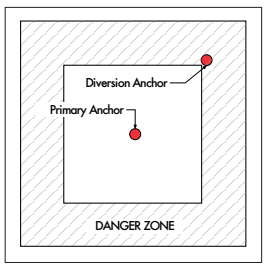


Figure 9

Primary anchor required in safe zone. Diversion anchor required in danger zone.

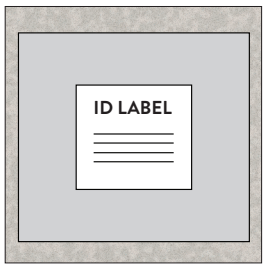


Figure 10

Anchor must include identification label confirming load rating and maintenance records, and installer/certifier details.

DESIGN & LAYOUT

Must be read prior to installation

1. The hierarchy of risk control must be followed at all times

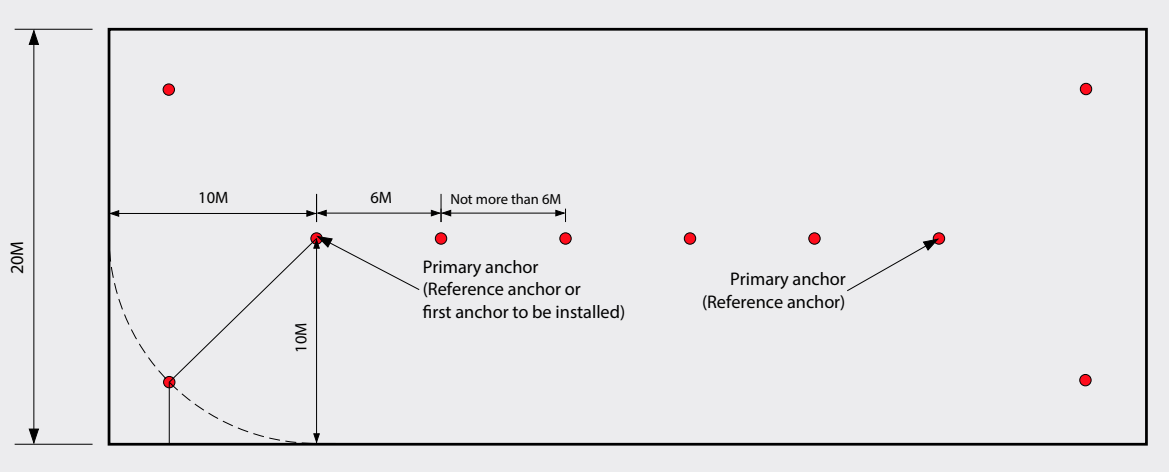
   It is important to note that the lower the hierarchy of control, the greater the skill of the operator required and therefore is least preferred compared with a higher hierarchy requiring minimal operator skill and less risk of operator injury as a result of incompetence.

2. Professional guidance on the design and set out of this system should be obtained prior to installation.
3. Certain environments produce acidic atmospheric conditions which are detrimental to steel structures and concrete surfaces. Any acidic environment must be assessed and structural components certified by a competent person prior to installation of this system.
4. Australian and New Zealand Standard AS/NZS 5532 does require each sub-structure type to which a fall arrest anchor system is attached to be individually tested and certified for safe use by the manufacturer.
5. When designing or positioning fall arrest and rope access systems it is important to check the following:
   - Roof pitch over 15° will require constant user attachment
   - Sub-structure type will determine best suited fixing method
   - Number of persons required to work in the same area will determine preferred type of fall protection system provided
   - Type of work to be done will determine best suited fixing type of fall protection system provided
   - How frequent the area will need to be accessed will determine preferred type of fall protection system provided
   - Safe access to the work zone will determine preferred type of access system to be used such as ladder or stairway system.
6. Where possible, anchorage systems should always be positioned to minimise fall distance. This can be done by elevating the anchor system or placing the system further from the fall edge.
7. Drilled in or glued in anchors must not be positioned to allow tensile loads to be applied (direct pull-out).
8. When connected to an anchorage system using a rope line lanyard, the anchorage must be placed a sufficient distance behind the operator to limit angle on lanyard to 20°. This is to avoid excessive tensile load on the anchor.
9. When positioning the anchor system it is important to ensure that there is no possibility of pendulum action should the operator accidentally fall as a result of incorrect anchor spacing between fall edge and spacing between anchorages.
10. Primary anchors must be positioned in the 'safe zone' a minimum of 2.5m from fall edge of the roof area ensuring operator safety whilst connecting to the system prior to moving into the danger zone area.
11. Anti pendulum or diversion anchors must be provided to allow rope line extension into extreme corners preventing pendulum action in the case of a fall.
12. Any angle of roof pitch above 40° will require rope access anchorages for use as a work positioning system (abseil) in place of a fall arrest system.
13. Sufficient fall clearance is essential in order to ensure correct operation of the system in a fall situation (see drawing page 28). Should fall distance be less than 5.0m, anchorage system must be positioned at least 2.0m or more from the fall edge to allow operator to work effectively in full restraint.

This document does not in any way replace the full Australian and New Zealand Standard document AS/NZS 1891 & AS/NZS 4488 which must be read and properly and understood prior to installation of this system.

Anchor layout for fall arrest use - Small roofs

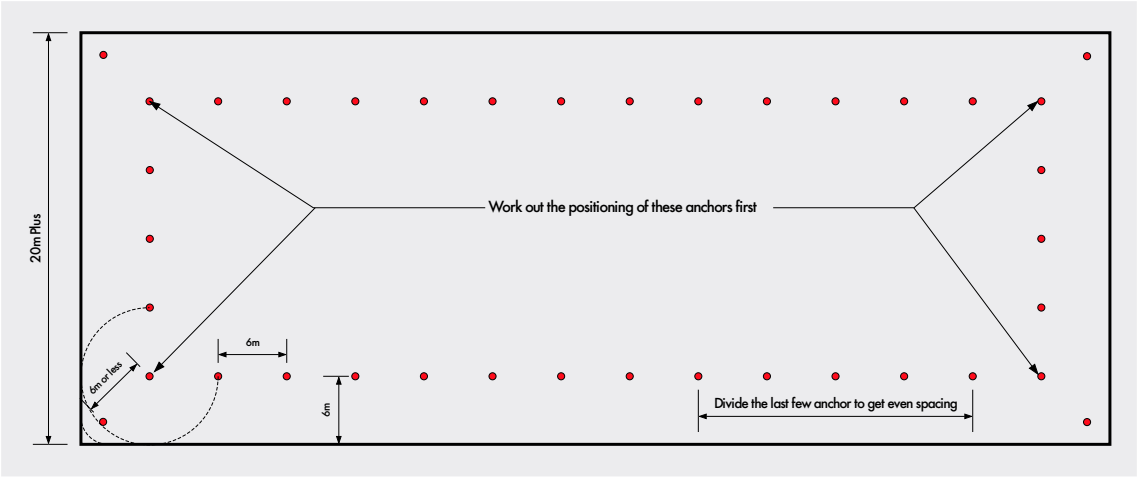
Roofs up to 20.0m in width



- Avoid positioning an anchor more than 10.0m from the roof edge. Further than this will require longer than standard rope line (15.0m) which is heavy and cumbersome to manage.
- Never allow more than 6.0m between anchors as this will create large ‘dead zone’ areas at the roof edge causing a pendulum fall possibility.
- The primary anchor (or reference anchor) must always be placed such that the distance away from the gutter edge of the roof is the same as from the gable end of the roof.

Anchor layout for fall arrest use - Large roofs

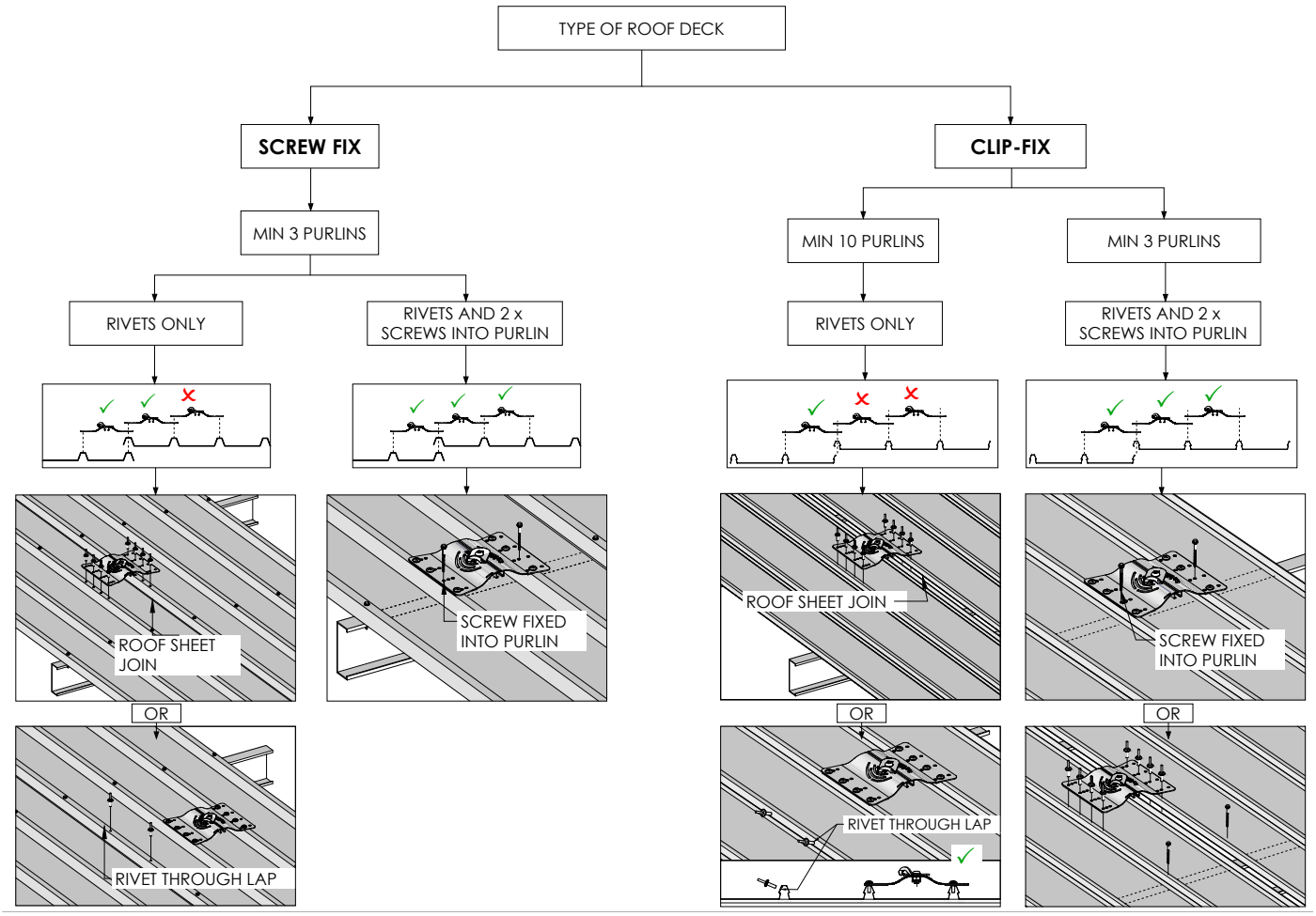
Roofs over 20.0m in width



- All points mentioned for smaller roofs also apply to larger roofs.
- Avoid positioning anchors in close proximity to roof lights as these are classified as fall hazards. Ensure roof lights or skylights are protected with fall protection covers should an anchorage be positioned in close proximity.

For roof pitches above 15° Kattsafe recommend that 100% attachment of the operator be maintained at all times. These diagrams are a guide only. All risks must be clearly identified and eliminated as far as reasonably practicable.

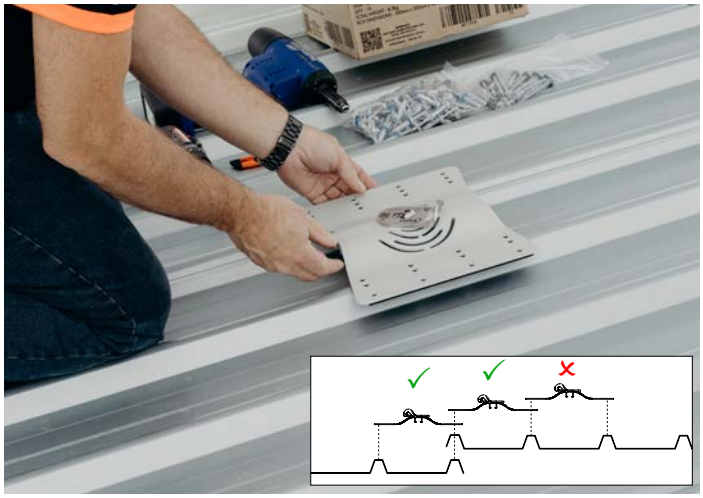
Anchor installation matrix



SCREW FIX ROOF, RIVETS ONLY INSTALLATION PROCEDURE

Anchor on roof sheet

- Anchor attached using 8 x rivets only.
- Roof sheet attached to 3 purlins minimum.
- Anchor must be fixed over 2 roof sheets.



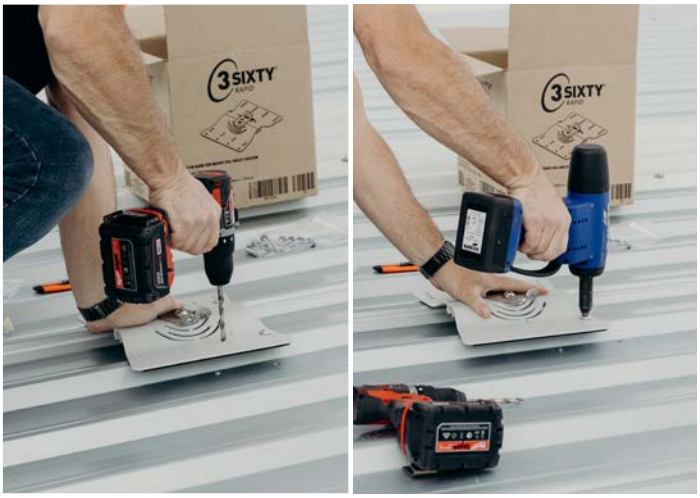
Step 1

- Once position of anchor is determined, prepare area for installation.
- Determine which rows of holes in anchor plate will suit best for roof crest spacing.
- Clean roof crest with rag to ensure good seal.

Step 2

Place anchor plate into position and drill 8mm holes through roof sheet and fix with 8 x 8mm bulb type rivets.

Anchor must be fixed over 2 roof sheets.



Step 3

Place identification label on anchor plate and complete details on label.

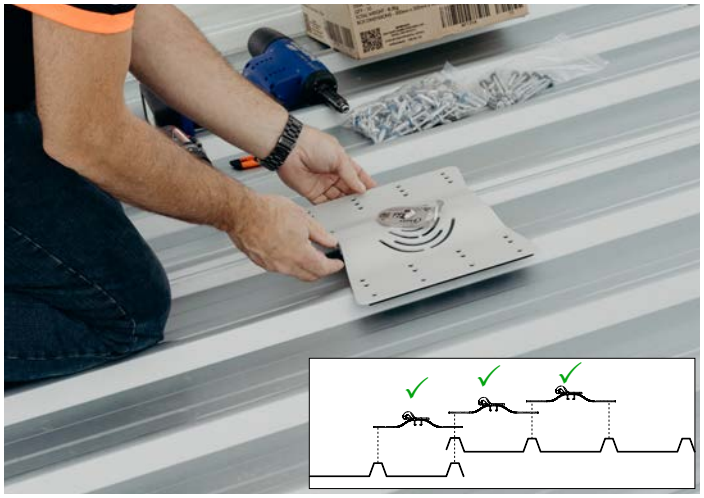
This anchor is only intended for single person fall arrest use. This anchor is not suitable for abseil use.

Ensure all swarf is removed from anchor and roof deck to prevent staining or rusting.

SCREW FIX ROOF, RIVETS & SCREWS INSTALLATION PROCEDURE

Fixing criteria

- Anchor attached using 6 x rivets and 2 x 14G screws fixed into purlin
- Roof sheet attached to 3 purlins minimum
- Anchor can be fixed to single roof sheet
- Anchor can be positioned any distance from end of roof sheet



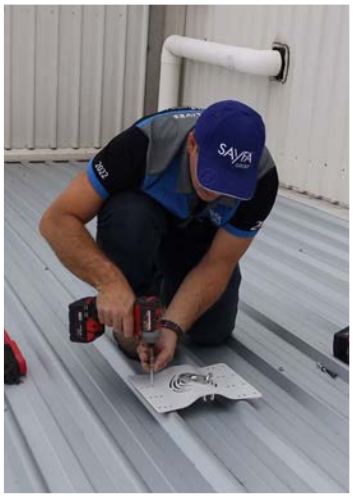
Step 1

- Once position of anchor is determined, prepare area for installation. Determine which rows of holes in anchor plate will suit best for roof crest spacing.
- Remove existing roof screws if necessary.

Step 2

- Fix anchor plate with 2 x 14g screws into purlin.
- Drill remaining 6 holes with 8mm drill bit.
- Insert and fix 6 x 8mm bulb type rivets.

⚠ Screw must be fixed into the roof purlin.



Step 3

Place identification label on anchor plate and complete details on label.

⚠ This anchor is only intended for single person fall arrest use. This anchor is not suitable for abseil use.

⚠ Ensure all swarf is removed from anchor and roof deck to prevent staining or rusting.

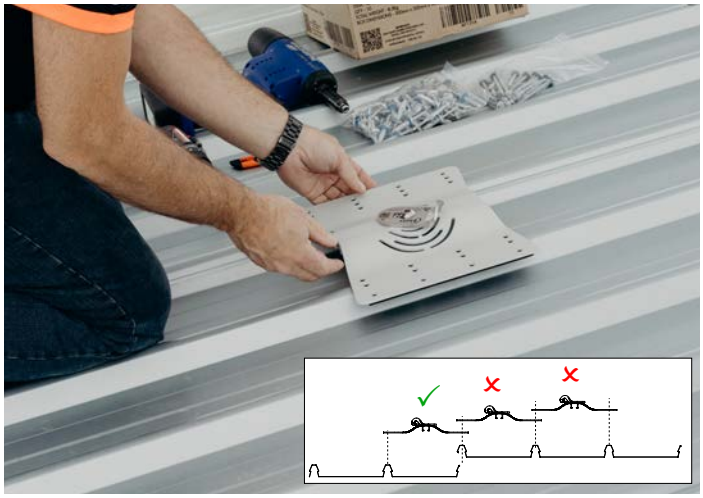
CLIP FIX ROOF, RIVETS ONLY INSTALLATION PROCEDURE

Fixing criteria

- Anchor attached using 8 x rivets only.
- Roof sheet attached to 10 purlins minimum.
- Anchor must be fixed over 2 roof sheets.
- Anchor must be more then 2 metres from any end of the roof sheet

Step 1

- Position anchor over 2 roof sheets as shown.
- Determine which row of holes in anchor plate would suit best for roof crest spacing.
- Clean roof crest with rage to ensure good seal.



Step 2

Place anchor plate into position and drill 8mm holes through roof sheet and fix with 8 x 8mm bulb type rivets.

Anchor must be fixed over 2 roof sheets.

Step 3

Place identification label on anchor plate and complete details on label.

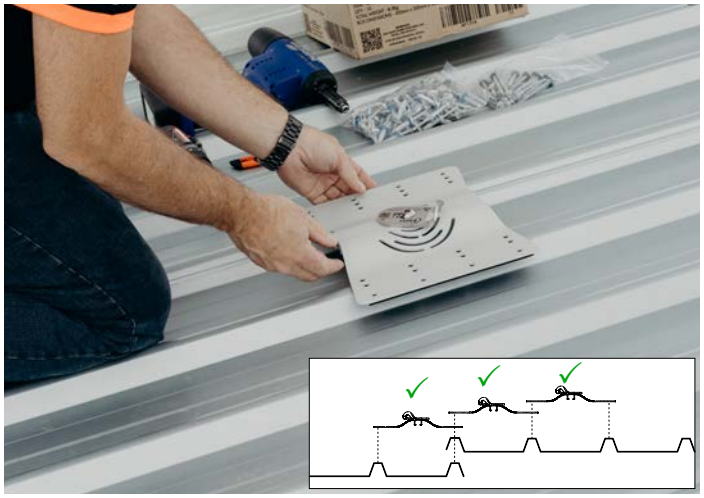
This anchor is only intended for single person fall arrest use. This anchor is not suitable for abseil use.

Ensure all swarf is removed from anchor and roof deck to prevent staining or rusting.

CLIP FIX ROOF, RIVETS & SCREWS INSTALLATION PROCEDURE

Fixing criteria

- Anchor attached using 6 x rivets and 2 x 14G screws fixed into purlin
- Roof sheet attached to 3 purlins minimum
- Anchor relation to lap is not essential
- Anchor can be positioned any distance from end of roof sheet

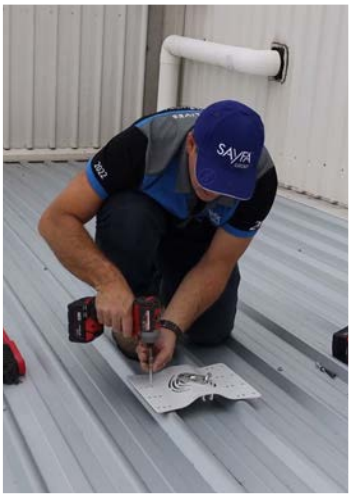


Step 1

- Anchor may be positioned in any location on roof sheet when fixed to a purlin.
- Determine which rows of holes in anchor plate will suit best for roof crest spacing.

Step 2

- Fix anchor plate with 2 x 14g screws into purlin.
- Drill remaining 6 holes with 8mm drill bit.
- Insert and fix 6 x 8mm bulb type rivets.



⚠ Screw must be fixed into the roof purlin.

Step 3

Place identification label on anchor plate and complete details on label.

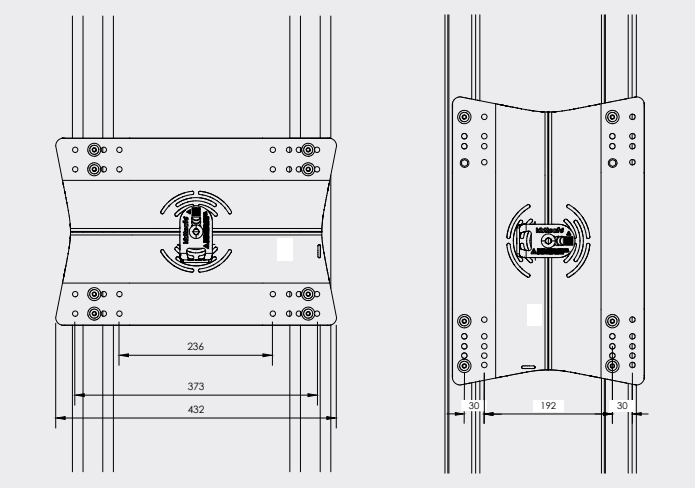
⚠ This anchor is only intended for single person fall arrest use. This anchor is not suitable for abseil use.

⚠ Ensure all swarf is removed from anchor and roof deck to prevent staining or rusting.

AP135W WIDE DECK ANCHOR INSTALLATION PROCEDURE

Fixing criteria

- Anchor attached using 6 x rivets and 2 x 14G screws fixed into purlin (lap position not essential)
- OR 8 x rivets (refer to rivets only fixing criteria on page 15 of full installation manual) (lap position essential)
- Roof sheet attached to 3 purlins minimum
- Anchor can be positioned any distance from end of roof sheet
- This anchor can be orientated in either direction depending on roof deck crest dimensions.



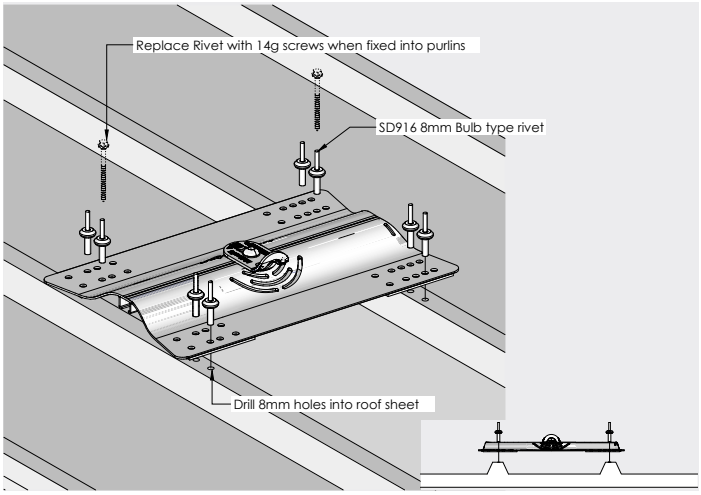
Across installation

Step 1

- Anchor may be positioned in any location on roof sheet when fixed to a purlin.
- Determine which rows of holes in anchor plate will suit best for roof crest spacing.

Step 2

- Fix anchor plate with 2 x 14g screws into purlin.
- Drill remaining 6 holes with 8mm drill bit.
- Insert and fix 6 x 8mm bulb type rivets.
- Complete identification label.



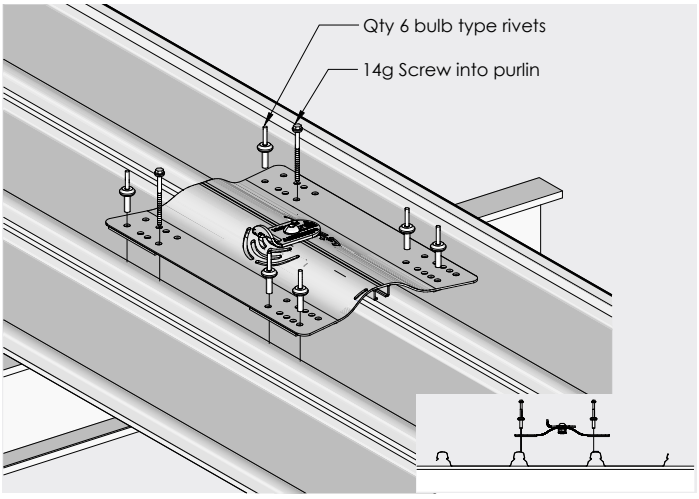
In-line installation

Step 1

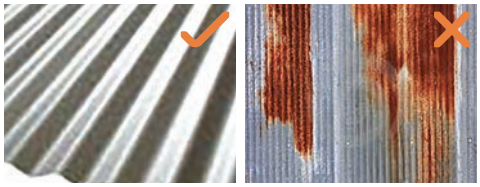
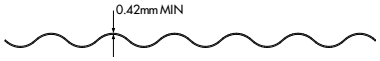
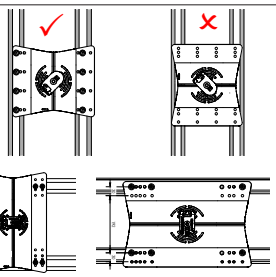
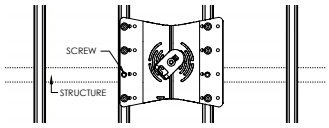
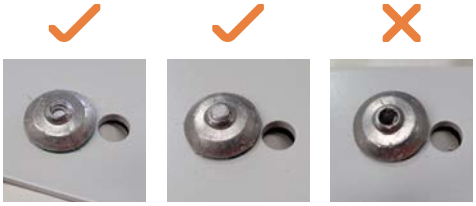
- Anchor may be positioned in any location on roof sheet when fixed to a purlin.
- Determine which rows of holes in anchor plate will suit best for roof crest spacing.

Step 2

- Fix anchor plate with 2 x 14g screws into purlin.
- Drill remaining 6 holes with 8mm drill bit.
- Insert and fix 6 x 8mm bulb type rivets.
- Complete identification label.



INSTALLATION CRITERIA

Component	Installation criteria
Roof deck 	Roof structure in good condition.
	Roof sheet fixings in good condition.
	No rust or corrosion on roof sheet, purlins or structure.
Roof metal thickness 	Minimum 0.42mm base metal thickness.
	Structurally sound ie. no rust/corrosion/visible damage.
Structural requirements  **Purlin - 150 x 1.5mm or 100 x 1.9mm**  **Timber Batten - 70 x 35 F7 MIN**	Steel Purlin – 150 x 1.5mm base metal thickness or 100 x 1.9mm base metal thickness.
	Timber – 70 x 35 F7 (with suitable truss construction).
	Structurally sound ie. no rust/corrosion/split/visible damage.
Purlins 	Minimum quantity 3 purlins/battens connected to roof deck.
Alignment 	Fixing holes to be aligned with fall of roof.
	AP135W Can be orientated either in-line or across purlins.
Rivet/metal roof deck 	8 x 8 mm bulb type rivets.
	Anchor to span 2 roof sheets or where anchor spans 1 roof sheet only, 6 x 8mm rivets with 2 x 14 G Self drilling screws into purlin required.
Structural rivet tensioned correctly 	8mm structural bulb type rivet.
	Minimum 8 rivet fixings per anchor or 6 rivets and 2 screw into purlin.
	Stem snap no more then 5mm below head.
Data label 	Anchor data label attached at each anchor.
	All relevant data filled out including next maintenance date.

SYSTEM MAINTENANCE

Must be read prior to checklist

1. The anchor system needs to be checked and recertified by a competent height safety inspector every 12 months for non corrosive environments or 6 monthly for corrosive or harsh environments. (To be determined by competent person depending on severity of surrounding conditions.)
2. Never clean using acids or other chemicals that could damage the system components.
3. The energy absorbing eyelet is subject to wear depending on frequency of usage. Any signs of excessive wear will require the anchor to be replaced.
4. The identification label must be completed confirming certification, maintenance and recertification of the system.
5. Harness gear and equipment must be maintained and stored in a dry, protected area, away from acids and ultra violet rays which cause material fibres to break down and reduce their safety and life expectancy.
6. Any deterioration or damage to the system or equipment must be reported to person in control of the workplace and relevant corrective action undertaken.
7. Maintenance inspections must be clearly documented. Any non-conformance must be clearly identified and tagged ‘Do Not Use’ until corrective action by a competent person has been completed.

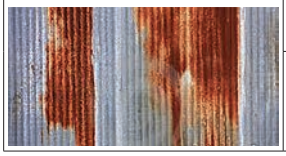
MAINTENANCE CHECKLIST

The checklist below outlines key checking criteria required to ensure the safe use of this system. Any item of concern not shown on the checklist must be noted on the maintenance report and brought to the attention of the workplace manager.

Items ticked PASS - YES means they conform with the required checking criteria and are suitable for normal use until the next recertification date. System data plates must be updated showing current check date and next check date.

Item ticked PASS - NO means they do not conform to the required checking criteria. These items must be clearly tagged ' Do Not Use' and the required corrective actions put in place. The maintenance report must clearly document all non-conforming criteria.

This system must be maintained by a competent height safety inspector trained in the safe use and maintenance of this system.

Component	Inspection criteria	Pass Y/N	Corrective action	Completion date
Anchor unit 	Fixings to structure secure (8 fixings required).			
	Rivets only fixing, ensure anchor connected to 2 roof sheets.			
	Anchor connected to single roof sheet. Requires 2 screw fixings into purlin and 6 rivets into roof deck. Screws into structure must be verified by checking if secure.			
	No evidence of penetration seal deterioration.			
Eyelet 	Ensure eyelet fixing connection to plate is secure, maximum 5mm play between eyelet and plate.			
	No evidence of eyelet damage or deformation of load tabs.			
	Ensure eyelet rotates freely.			
Data label 	Anchor data label attached at each anchor.			
	All relevant data filled out including next maintenance date.			
Roof 	Roof structure to be visibly sound.			
	No rust, or roof deterioration.			

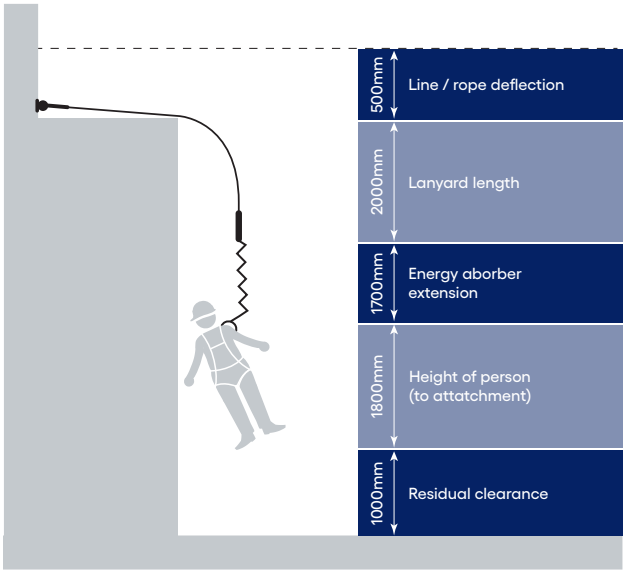
TECHNICAL INFORMATION

Fall clearance

There must be sufficient clearance below the user to arrest a fall before the user strikes the ground or another lower level hazard. The clearance required is dependent on the following factors:

- Elevation of anchorage
- Anchorage deflection
- Lanyard length
- Lanyard elongation on deceleration pull out (personal energy absorber)
- Operator height
- Fall distance residual clearance

See AS/NZS 1891.4:2009 Section 7 for a detailed explanation.



System requirements

The worker must wear a full body harness when connected to any fall arrest system including a personal energy absorber compliant with AS/NZS 1891.2:2001 and AS/NZS 1891.4:2009 limiting the force on the anchor and operator to a maximum of 6kN.

Harness connectors must support at least 15kN. Non-compatible connectors may unintentionally disengage (roll-out). Carabiners supplied with proprietary systems must not be removed or substituted with any other component.

Inspection and Maintenance

Inspection and recertification of fall arrest systems and equipment is required at least every 12 months by competent person in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS1891.4:2009 Section (9).

Important note

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

TECHNICAL SPECIFICATION

Rapid top mount anchor

AP135

Top mount anchor system, suitable for metal roof deck attachment incorporating emergency rope access attachment for rescue in a fall situation. System design, supply, layout, installation and certification by a Kattsafe approved installer, as per the manufacturer's installation instructions and current standards.

Materials

- Base plate: Hi tensile aluminium
- Powder coat finish (standard colour - Oyster Matt)
- Swivel anchor: 316 stainless steel

Dimensions

- AP135A Overall size: 288mm (L) x 250mm (W)
- AP135W Overall size: 432mm (L) x 250mm (W)
- Total height: 48mm

Weight

800g (including fixings)

Substructure requirements

Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation.

Fixings (refer to installation manual)

- Metal roof deck screw fixed: qty 8 x 8mm bulb type rivets
- Metal roof deck clip fixed: qty 6 x 8mm bulb type rivets, 2 x 14 self drilling screws into purlin
- Timber structure fixing: qty 6 x 8mm bulb type rivets, 2 x 14 self drilling screws into purlin

Rating

- 15kN Single person use
- The rapid top mount anchor must be used in conjunction with an approved harness and lanyard system incorporating an energy absorber.
- Suitable for emergency rope access rescue off activated anchor.

Compliance

The rapid top mount anchor is designed to conform with requirements of the Australian and New Zealand Standards AS/NZS 5532:2013 AS/NZS/ISO22846, AS/NZS1891 and relevant codes of practices and guidelines.

Testing

Testing and performance based on requirements of Australian and New Zealand Standards AS/NZS 1891 and AS/NZS 5532.

- Dynamic load test in line with roof fall and 90° to roof fall - 15kN
- Static load test in line with roof fall and 90° to roof fall - 15kN

Product warranty

10 Years from date of purchase subject to correct installation. Use and maintenance to be in accordance with manufacturer's specifications and recommendations. (This excludes wearing parts).

Inspection and maintenance

Inspection and certification required every 12 months by competent person in accordance with manufacturer's specifications and requirements of Australian and New Zealand Standards AS/NZS 1891 and AS/NZS 5532 (refer installation manual).

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.

WARRANTY INFORMATION

Warranty period on this system:
10 years from date of purchase

Should you have a warranty claim as a result of a defect the following procedure must be followed:

Identify the following information:

- The product/system name and code number.
- The date of purchase/installation.
- Installation company details.
- The installation identification number.
- The name of the company using this system.
- A description of the defect/warranty claim.
- The periodic system maintenance report.

Forward the above information to sales@kattsafe.com.au or contact technical helpline, 1300 301 755.

Terms and conditions

All warranty claims must be made in writing within 14 days of the appearance of the defect.

Incorrect installation or work done by a non accredited Kattsafe system installer will void all warranty rights.

Systems that have been installed using non proprietary equipment will void all warranties.

System roof/cladding and concrete penetration seals are not covered in this warranty.

Systems/components that have not been maintained in accordance with manufacturer's/legislative requirements will void warranty.

Systems used by incompetent persons or use with non compatible accessories ie. harness gear, lanyards, travellers, fall arrestors etc. will void warranty.

Systems/components used for purposes other than their intended use will void warranty.

General wear and tear is expected and will depend on the frequency of use and is not covered by warranty.

Product brochure
Rapid top mount anchor

Installation manual
Rapid top mount anchor

Operation manual
Rapid top mount anchor

QMS Certification
ISO 9001:2015

Find all related products and resources on our website.
kattsafe.com.au

Kattsafe

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and fall protection

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