



1300 301 755
SAYFA.COM.AU

**PRODUCT
SPECIFICATION**

PRODUCT CODE
AP 130.10

DESCRIPTION
3 SIXTY ANCHOR

PROPRIETARY FALL ARREST
SYSTEM FOR SAFE WORK
AT HEIGHT

PRODUCT
BROCHURE

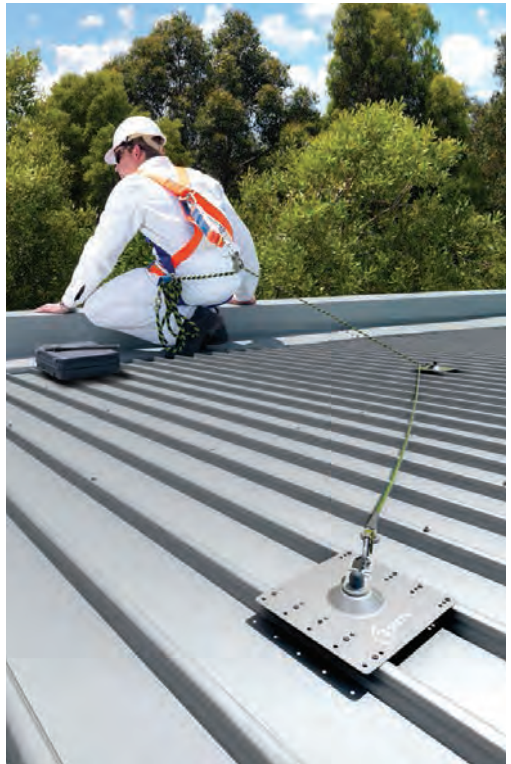


3 SIXTY® ANCHOR, FALL ARREST RATED AT 15kN



The 3 Sixty Permanent Anchor Point is ideally suited to maintenance personnel working at heights utilising a harness and lanyard fall protection system. The 15kN fall arrest rated anchor point incorporates a unique energy absorbing swivel eye lanyard attachment point, eliminating snap hook roll-out and providing uniform load distribution to the anchor plate and allowing fixture to lighter structures and roof decks.

- Simple, quick installation
- Swivel eye prevents snap hook roll-out
- Low aesthetic profile - limiting visual impact
- Varied roof deck fixing options
- Uniform load distribution in the event of a fall
- Maintenance of gutters and edge flashings
- Roof mounted equipment inspection and maintenance
- Maintenance and cleaning of clerestory windows and skylights

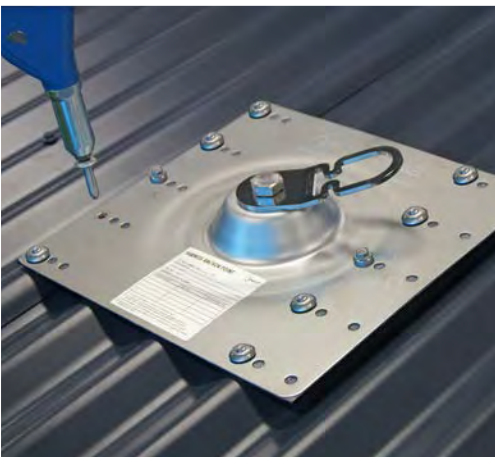


INSTALLATION

- Simple, installation attaching to roof deck and purlin structure
- Suits multiple deck profiles
- No on-site assembly required
- All fixings and penetration seals provided

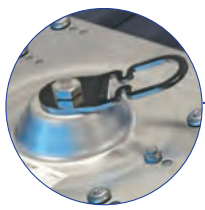
USER SUPPORT

- Safe use and maintenance manuals provided with each system
- DVD system induction available on line
- Hands on system training of personnel provided
- System maintenance and recertification managed and provided by Sayfa Group



3 SIXTY® FOR PERSONNEL WORKING AT HEIGHT WHO USE A HARNESS AND LANYARD FALL PROTECTION SYSTEM

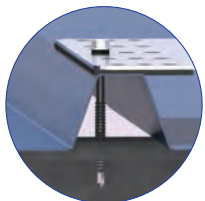
FEATURES & BENEFITS



- 360° ROTATIONAL EYELET**
- Ensures no snaphook roll-out
 - Large eye for easy attachment



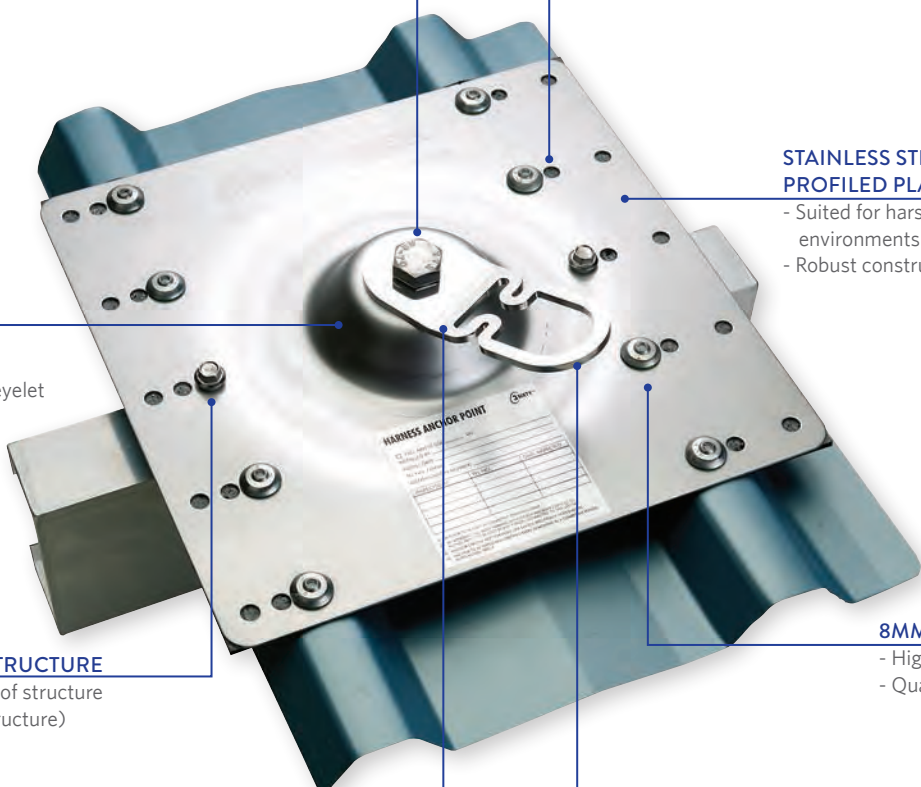
- PROFILED DOME**
- Ensures no interference with roof deck rib
 - Allows free rotation of eyelet



- 14G TEKSCREW INTO STRUCTURE**
- Positive attachment to roof structure (steel purlin or timber structure)

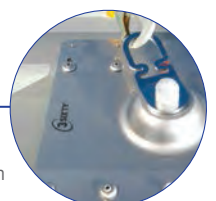
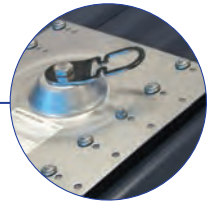


- SERIAL IDENTITY NUMBER**
- Allows traceability and identification



- MULTIPLE FIXING LOCATIONS**
- Suits varying roof deck pitch
 - Suits screw and rivet fixing

- STAINLESS STEEL PROFILED PLATE**
- Suited for harsh environments
 - Robust construction



- 8MM BULBTITE RIVET**
- High pullout resistance
 - Quality penetrations seal



- ENERGY ABSORBING EYELET**
- Reduces load on operator and roof structure in a fall situation
 - Allows attachment to light grade structure

UNIQUE
PRODUCT FEATURE

360° TOP MOUNT ANCHOR

FOR MULTI-DIRECTIONAL USE

The rotational deforming eyelet provides significant load reduction in a fall situation, minimising injury to the operator as well as excessive impact loads to the anchor structure. As a result, performance on lighter structures is enhanced whilst allowing maximum install flexibility.

PATENTS AND DESIGN REGISTRATIONS APPLY



3 SIXTY® ANCHOR

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

The In-Action model demonstrates access, fall and ground protection requirements for a standard commercial building design.

Sayfa Group recommendations fulfill current workplace requirements for the safety of building maintenance subcontractors, employees and the general public.

#	DESCRIPTION	
1	3 SIXTY	Fall arrest anchors
2	TRAVEL 8	Top or roof mount static lines
3	SENTRY	Wall or side mount guardrails
4	ON-TRAK	Fibre walkways (yellow or grey)
5	PROTEX	Skylight protectors
6	RAPTOR	Overhead rail systems

#	DESCRIPTION	
7	KATT	Modular fixed ladders
8	VISTA	Modular fold down ladder systems
9	ALTO	Step ladders & step bridges
10	ALTO	Stairs & platforms
11	MODDEX	Handrails & balustrades
12	SKYDORE	Roof access hatches

For more information, please contact Sayfa Group directly.



IT'S THE SAYFA WAY

TECHNICAL SPECIFICATION

PRODUCT SPECIFICATION

PRODUCT CODE
AP 130.10

DESCRIPTION
3 SIXTY ANCHOR

SYSTEM CODE
3 SIXTY FALL ARREST ANCHOR
AP 100

TECHNICAL DATA

MATERIALS

- Base plate – profiled stainless steel
- Swivel eye – profiled stainless steel

DIMENSIONS

- Total height – 50mm
- Overall size – 290mm x 285mm

WEIGHT

- 1.05kg (excludes fixings)

FIXINGS

- Timber purlin fixing – 14g/ 75mm type 17 Tek screws
 - Metal purlin fixing – 14g/ 75mm self drilling Tek screws
 - Metal roof deck fixing – 8mm structural Bulbtite rivets
- (Refer instruction manual)

WORKING LOAD LIMIT

Single person use

- Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation.
- 3 Sixty Anchor Point must be used in conjunction with an approved harness and lanyard system incorporating an energy absorber.

COMPLIANCE

3 Sixty Anchor Point is designed and manufactured in accordance with requirements of Australian Standard AS/NZS 1891.4:2009 and AS/NZS 5532:2013 and relevant statutory OHS Codes of Practice/Guidelines.

TESTING

Testing and performance based on requirements of Australian Standard AS/NZS 5532:2013.

- Dynamic load tested – 15kN
- Static load tested – 15kN

PRODUCT WARRANTY

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

INSPECTION AND MAINTENANCE

Inspection and certification required every 12 months by competent person in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS 1891.4:2009 Section (9). (Refer instruction 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.





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THE SAYFA GROUP

WE SAVE LIVES!

This is our Mission, and it drives our Vision to BRING EVERY WORKER HOME SAFELY.

Sayfa Group leads the industry in the design, installation and management of access, fall protection and ground safety systems. As an Australian owned company, we engineer and rigorously test our proprietary systems to exceed national and international standards. Simple installation and easy to use systems are our key drivers for ensuring maximum effectiveness and improved safety ensuring compliance with Occupational Health and Safety standards in the workplace.

OUR VALUES

We are governed by the following principles in everything we do:

- A – Accountability / Totally responsible and answerable for our actions.
- L – Loyalty / Steadfast and dependable based on our values in our dealings with one another.
- I – Integrity / Honest and sincere, we do what we say, on time every time.
- V – Value Driven / Increase what's of value in view of a win win plan for all.
- E – Enthusiastic / Motivated and inspired to continuously perform better.

COMMITMENT

We are passionate about our work with every product a testament to our commitment of world class safety, quality and performance. Our obligation is to live up to our own high standards as well as those of our customers and stakeholders ensuring total peace of mind.



PRODUCT IS OWNED BY THE SAYFA GROUP.
THE SAYFA GROUP CONSISTS OF:



3 SIXTY®

FALL ARREST ANCHOR

SAYFA
PROTECT

1300 301 755
SAYFA.COM.AU

PROPRIETARY ANCHOR
POINT SYSTEM FOR SAFE
WORK AT HEIGHT

⚠️ MUST BE READ AND UNDERSTOOD PRIOR TO INSTALLATION

SYSTEM CONTENTS

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SYSTEM INSTALLATION MANUAL



3 SIXTY® ANCHOR

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MULTIPLE FIXING LOCATIONS

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PROFILED DOME

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8MM BULBTITE RIVET

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- Quality penetrations seal

BATCH IDENTITY NUMBER

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UNIQUE PRODUCT FEATURE

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INSTALLATION REQUIREMENTS

MUST BE READ PRIOR TO INSTALL

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 Sayfa 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 OH&S 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 Sayfa Group and possess valid industry licenses, be appropriately trained, and comply with all relevant OH&S 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).

⚠ Sayfa Group 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 Sayfa Group 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. Sayfa Group accepts no direct or indirect responsibility and/or consequential liability whatever, for any products and systems incorrectly installed or certified. Sayfa Group 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.

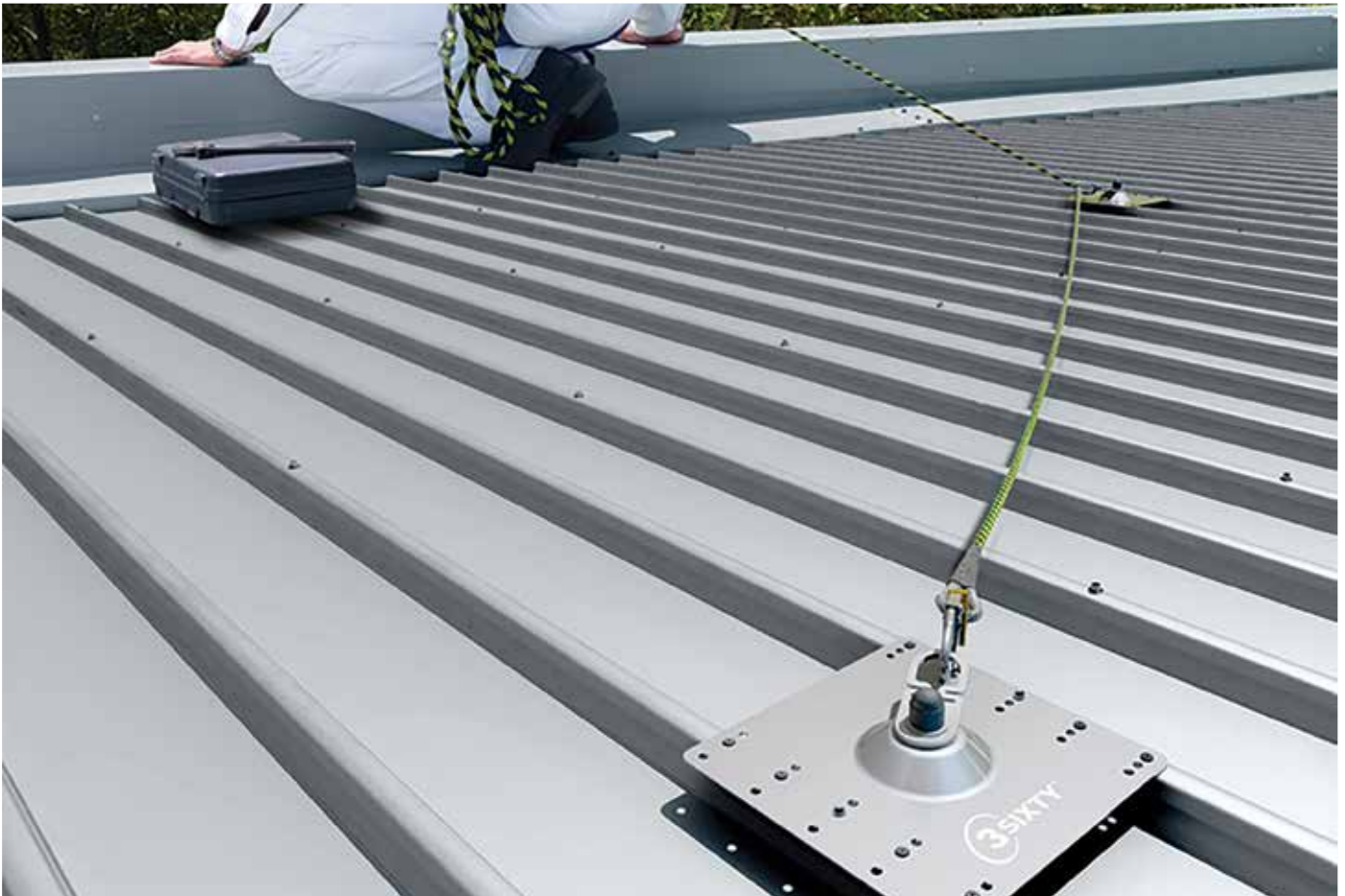


LIMITATIONS

MUST BE READ PRIOR TO USE

1. Minimum structural requirements for attachment of 3Sixty anchors:
 - Steel purlin 150 x 2mm base metal thickness
 - Timber truss 70 x 35 F7 structural grade
 - Metal roof deck 0.42mm base metal thickness
2. The 3Sixty anchor is suitable for single (1) person use and rescue in the case of a fall incident. (15kN)
3. Only to be used by competent persons with proof of training by a Registered Training Organisation (RTO) in the use of height safety and fall protection systems.
4. Harness gear is susceptible to deterioration when exposed to chemicals or hazardous environments and must be approved by the manufacturer for use in these applications.
5. This system, under normal use and environment, has a life expectancy of up to 10 years. A manufacturer's assessment and certification to confirm suitability for an additional 5 years use is recommended. This will depend on location, usage and scheduled maintenance as per manufacturer and legislative requirements.
6. Operators of this system must be connected via a lanyard with a personal energy absorber, in accordance to Australian Standard AS/NZS 1891.1.
7. Where slopes exceed 40°, the 3 Sixty anchor must not be used as the energy absorbing eyelet may deform under constant load. The Sayfa AP141 Xplora rope access anchor is recommended for this application using a work positioning system with a safety rope line.
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:
 - Non corrosive/mild environment - 12 monthly
 - Corrosive/harsh environment - 6 monthly (more frequent inspection may be required)

⚠ Sayfa 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.

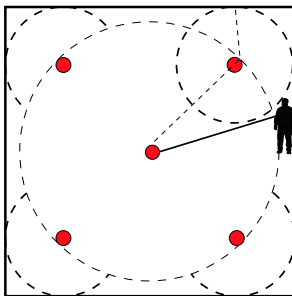


DESIGN & LAYOUT

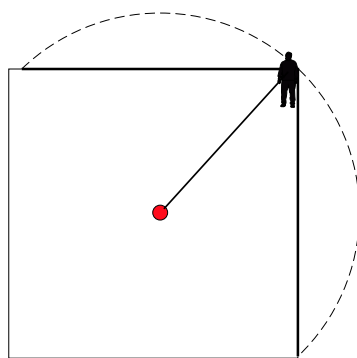
MUST BE READ PRIOR TO INSTALL

- 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.
- Professional guidance on the design and set out of this system should be obtained prior to installation.
- Certain environments produce acidic atmospheric conditions which are detrimental to steel structures and surfaces. Any acidic environment must be assessed and certified by persons prior to installation of this system.
- Australian 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.
- When designing or positioning fall arrest systems it is important to check the following:
 - Roof pitch over 15° will require constant user attachment
 - Sub-structure type will determine 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 preferred type of fall protection system provided
 - How often 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 fall protection system provided
- Where possible, anchorage systems should always be positioned above the operator to minimise unnecessary fall distance.
- Drilled in or glued in anchors must not be positioned so as to allow tensile loads to be applied.
- 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.
- 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.
- Primarily 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.
- 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.
- 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.
- Sufficient fall clearance is essential in order to ensure correct operation of the system in a fall situation (see fig page 13). 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.

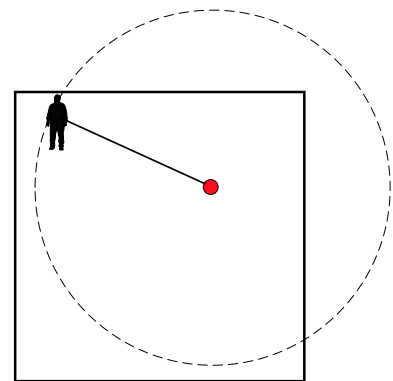
⚠ This document does not in any way replace the full Australian Standard document AS/NZS 1591.4 which must be read and properly understood prior to installation of this system.



Correct anchor positioning and rope line length



Incorrect rope line length, operator could pendulum fall off roof

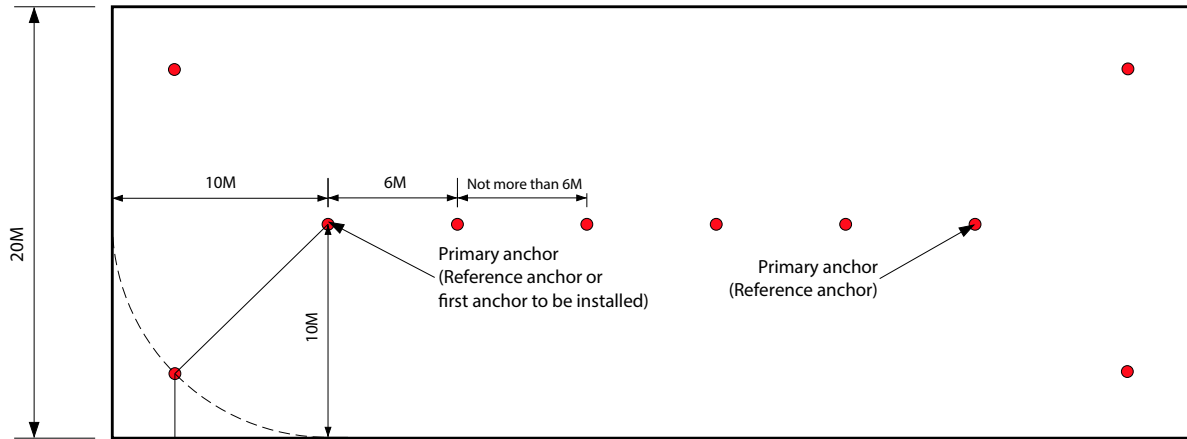


Incorrect anchor positioning allows dangerous pendulum fall off roof

DESIGN & LAYOUT

ANCHOR LAYOUT ON SMALL ROOFS

Roofs up to 20M in width

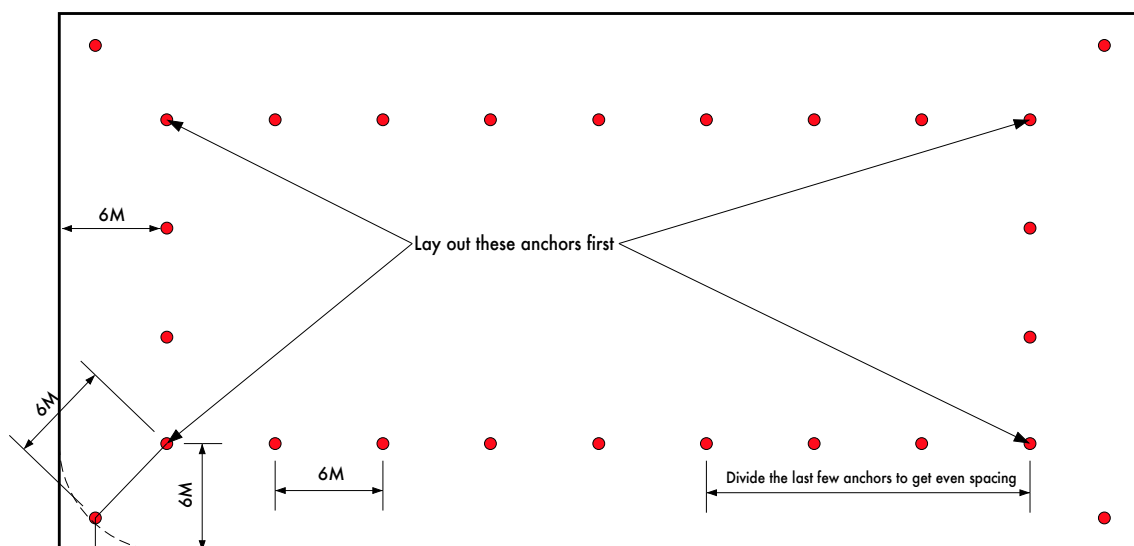


Notes:

- Never position an anchor more than 10M from the roof edge. Further than this will require longer than standard (15M) ropeline which is heavy and cumbersome to manage.
- Never allow more than 6M 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 ON LARGE ROOFS

Roofs over 20M in width



⚠ For roof pitches above 15° Sayfa recommend that 100% attachment of the operator be maintained at all times.

TOOLS & EQUIPMENT



CORDLESS DRILL



8MM METAL DRILL BIT



3/8 NUT SETTER



OPTION 1 - GESIPA RIVETER
(BATTERY POWERED)



OPTION 2 - GESIPA RIVETER
(HAND OPERATED)



RAG OR BRUSH (TO REMOVE SWarf)



TAPE MEASURE



ROOF MARKING PEN

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

AUSTRALIAN STANDARDS SUMMARY

GENERAL REQUIREMENTS OF AUSTRALIAN STANDARDS

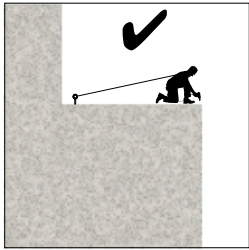


Figure 1
CORRECT
Anchor loading in shear.

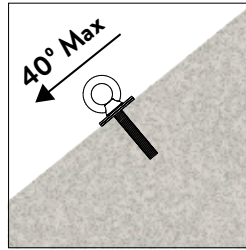


Figure 6
Angle of slope max 40° for fall arrest anchor.

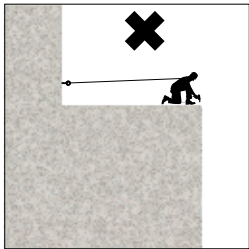


Figure 2
INCORRECT
Anchor loading in tension.

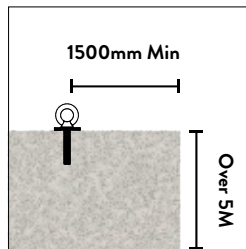


Figure 7
Anchor positioning minimum 1500mm from edge if vertical height is over 5000mm.
*See fall clearance page

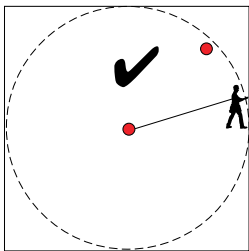


Figure 3
CORRECT
Anchor positioning, NO risk of pendulum fall.

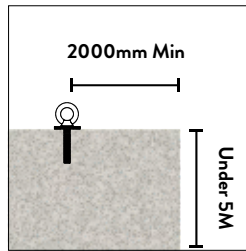


Figure 8
Anchor positioning minimum 2000mm from edge if vertical height is under 5000mm.
*See fall clearance page

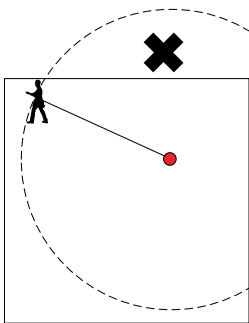


Figure 4
INCORRECT
Anchor position, allows risk of pendulum fall.

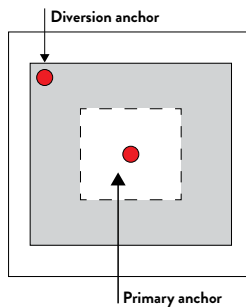


Figure 9
Primary anchor required in safe zone.
Diversion anchor required in danger zone.

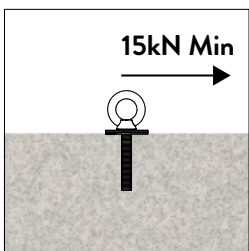


Figure 5
Load rating single person use, 15kN design load.

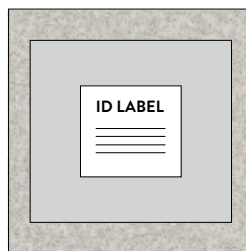


Figure 10
Anchor must include identification label confirming load rating and maintenance records, and installer/certifier details.

⚠ This document does not in any way replace the full Australian Standard document which must be read and properly understood prior to installation of this system.

INSTALLATION PROCEDURE

STEP 1 - PRE INSTALLATION CHECK

Prior to installation the condition of the roof deck and structure must be checked for suitability.

Correct positioning of the anchor is critical to avoid a potential pendulum fall set up.

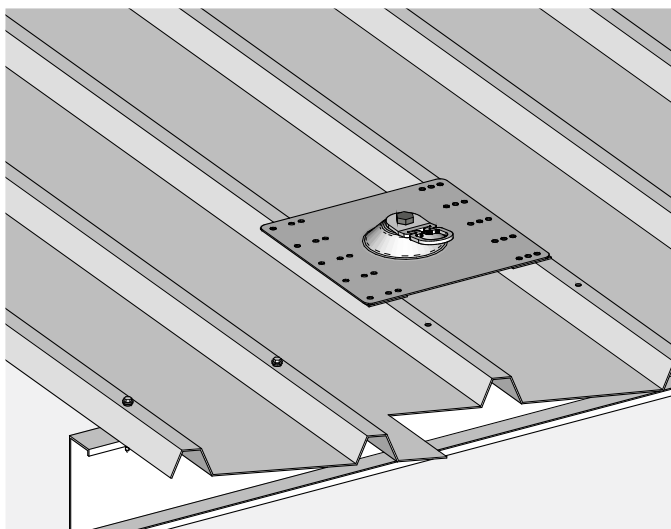
The checklist on page 14 will assist with critical assessment criteria.

⚠ Do not proceed with installation of this system if any of the checking criteria does not meet the required standards. Seek advice from the manufacturer regarding other options.



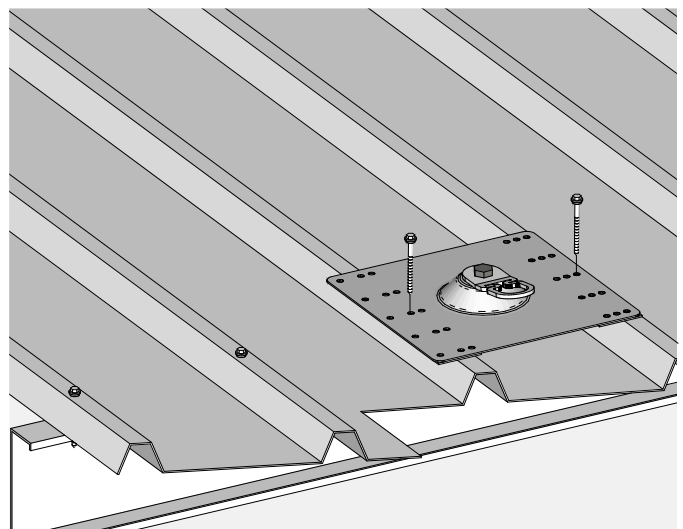
STEP 2

Once position of anchor is determined, prepare area for installation. Remove roof screws if necessary and 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 3

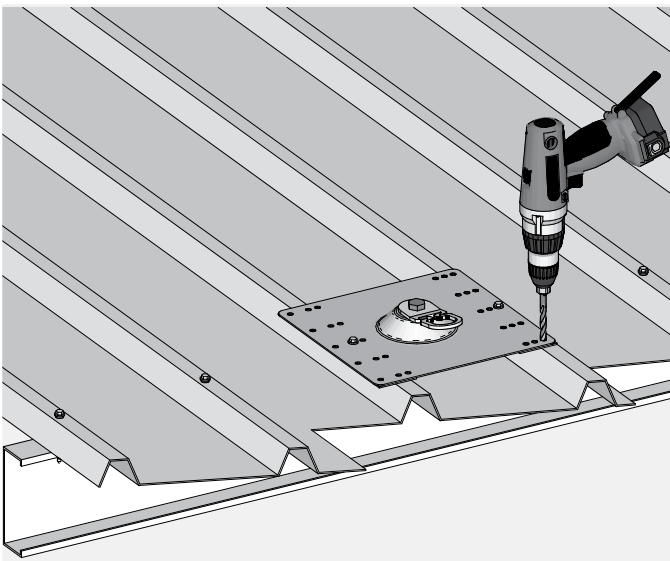
Place anchor plate into position and fasten 2 x 14G screws through roof sheet into structure. Note: Any 2 opposite holes can be used to attach to structure.



INSTALLATION PROCEDURE

STEP 4

Drill remaining 8 holes through roof sheet using an 8 mm drill bit. Remove swarf to prevent any staining or rusting.

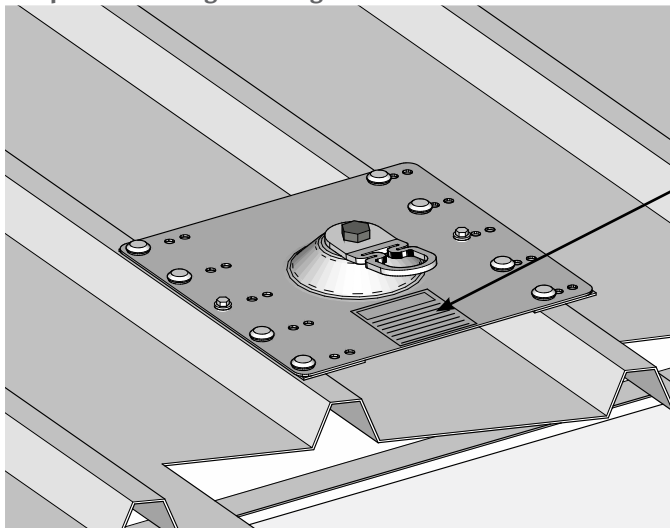


STEP 6

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.

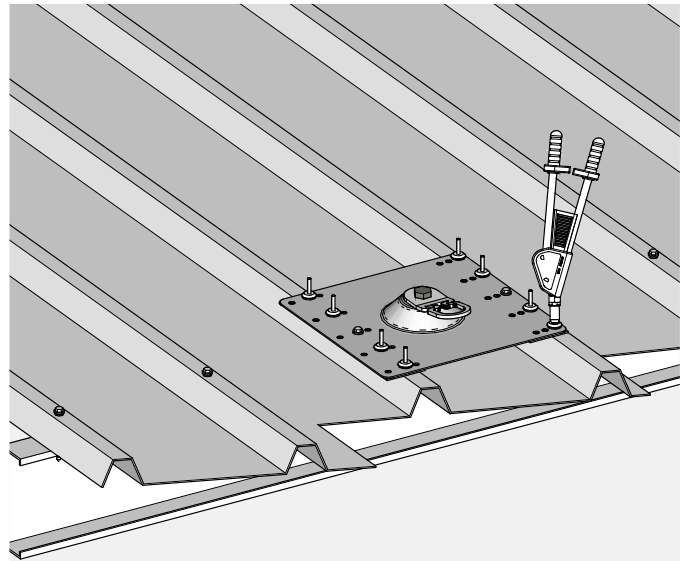
⚠ Ensure all swarf is removed from anchor and roof deck to prevent staining or rusting.



STEP 5

Insert and fix 8mm x Bulb Tite rivets.

⚠ IMPORTANT! Push down firmly whilst riveting to ensure correct penetration of rivet.

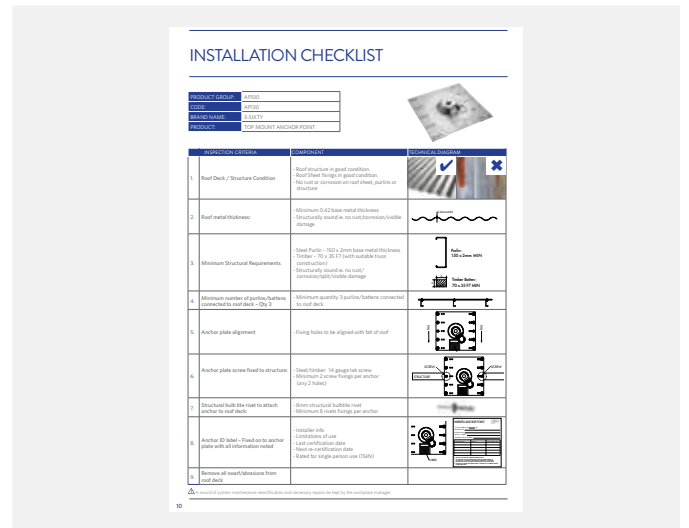


STEP 7

Ensure swivel rotates freely.

There must not be more than a 5mm gap between swivel and plate.

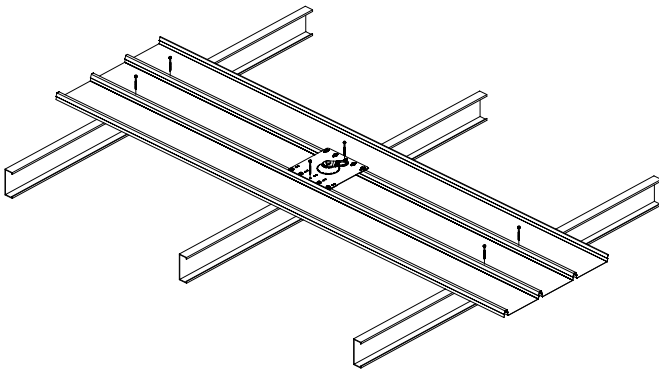
Complete anchor installation check using checklist provided. (on page 14)



INSTALLATION PROCEDURE

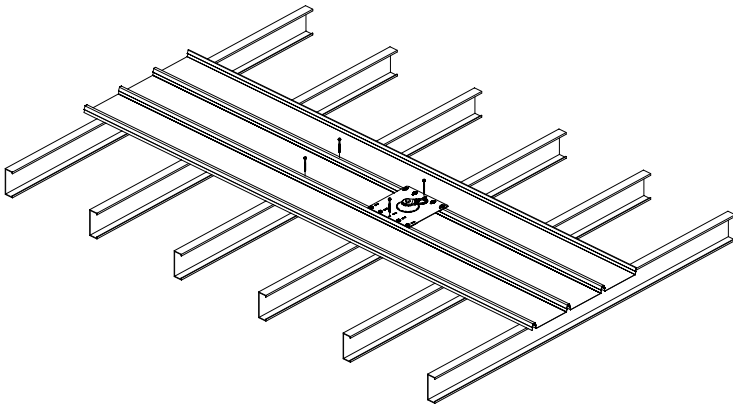
INSTALLATION ON CLIP-FIX ROOF DECKS

⚠ **Clip-fix roof decks are common on larger roof deck areas where roof pitch is often less than 5°. The roof deck clip is not designed to prevent the roof deck from sliding or shifting under extreme load. The shorter the roof sheet, the more likelihood there will be of slippage as there are less clips to hold the roof sheet.**



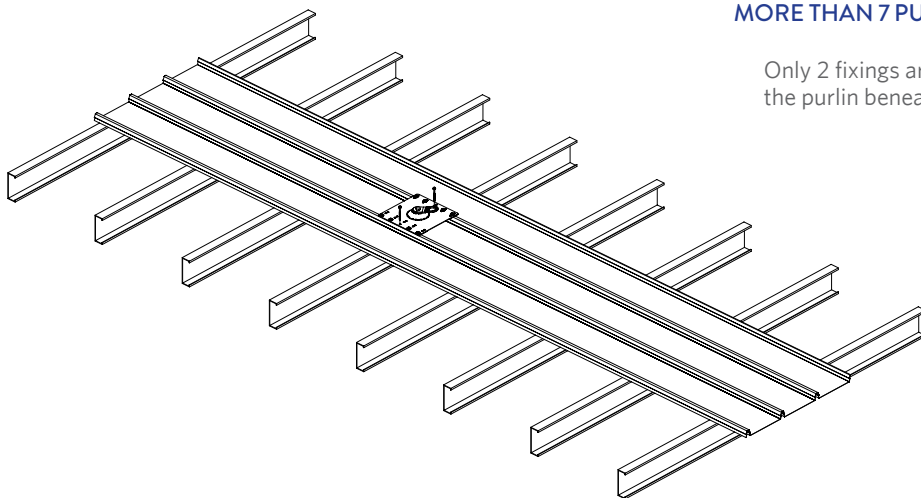
4 PURLINS OR LESS

Qty fixings: 6 x 14G screws
2 fixings through anchor into purlin
2 fixings through roof deck above anchor into purlin
2 fixings through roof deck below anchor into purlin



5 - 7 PURLINS

4 x 14G screws (total) are required to fix the roof deck to the purlins/battens
2 x fixings through the anchor plate into the purlin, then 2 above or 2 below the anchor points



MORE THAN 7 PURLINS

Only 2 fixings are required which go through the anchor and into the purlin beneath

INSTALLATION CHECKLIST

PRODUCT GROUP:	AP100
CODE:	AP130
BRAND NAME:	3-SIXTY
PRODUCT:	TOP MOUNT ANCHOR POINT



INSPECTION CRITERIA		COMPONENT	TECHNICAL DIAGRAM
1.	Roof deck / structure condition	<ul style="list-style-type: none"> - Roof structure in good condition - Roof sheet fixings in good condition - No rust or corrosion on roof sheet, purlins or structure 	
2.	Roof metal thickness	<ul style="list-style-type: none"> - Minimum 0.42mm base metal thickness - Structurally sound ie. no rust/corrosion/visible damage 	
3.	Minimum structural requirements	<ul style="list-style-type: none"> - Steel Purlin - 150 x 2mm base metal thickness - Timber - 70 x 35 F7 (with suitable truss construction) - Structurally sound ie. no rust/corrosion/split/visible damage 	
4.	Minimum number of purlins/battens connected to roof deck - Qty 3	- Minimum quantity 3 purlins/battens connected to roof deck	
5.	Anchor plate alignment	- Fixing holes to be aligned with fall of roof	
6.	Anchor plate screw fixed to structure	<ul style="list-style-type: none"> - Steel/timber: 14 gauge tek screw - Minimum 2 screw fixings per anchor (any 2 holes) 	
7.	Structural bulb tite rivet to attach anchor to roof deck	<ul style="list-style-type: none"> - 8mm structural bulbtite rivet - Minimum 8 rivets fixings per anchor 	
8.	Anchor ID label fixed on to anchor plate with all information noted	<ul style="list-style-type: none"> - Installer info - Limitations of use - Last certification date - Next recertification date - Rated for single person use (15kN) 	
9.	Remove all swarf/abrasions from roof deck		

⚠ A record of system maintenance recertification and necessary repairs be kept by the workplace manager

MAINTENANCE

1. The 3 Sixty 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 specialist 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.
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

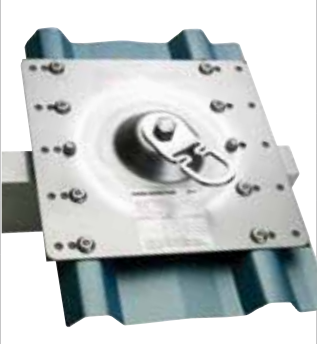



The checklist below outlines key checking criteria required to ensure the safe use of this system. Any item of concern not shown on the checklist must be noted on the maintenance report and brought to the attention of the workplace manager.

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.

SYSTEM MAINTENANCE CHECKLIST

COMPONENT	INSPECTION CRITERIA	PASS Y / N	CORRECTIVE ACTION	COMPLETION DATE
	Fixings to structure secure (min. 2 fixings to purlin, 8 fixings to roof deck)			
	Screws into structure must be verified by removing and checking if uncertain			
	Fixings to roof deck structure secure			
	No evidence of penetration seal deterioration			
	Ensure eyelet fixing connection to plate is secure, max 5mm play between eyelet and plate.			
	No evidence of eyelet damage or deformation			
	Ensure eyelet rotates freely			
	Data label attached and clearly visible			
	All relevant data filled out including last maintenance date			
	Roof deck quality in good condition i.e. No visible rust or roof deterioration.			

⚠ A record of system maintenance, recertification and repairs must be kept by the workplace manager.

TECHNICAL

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). Karabiners supplied with proprietary systems must not be removed or substituted with any other component.

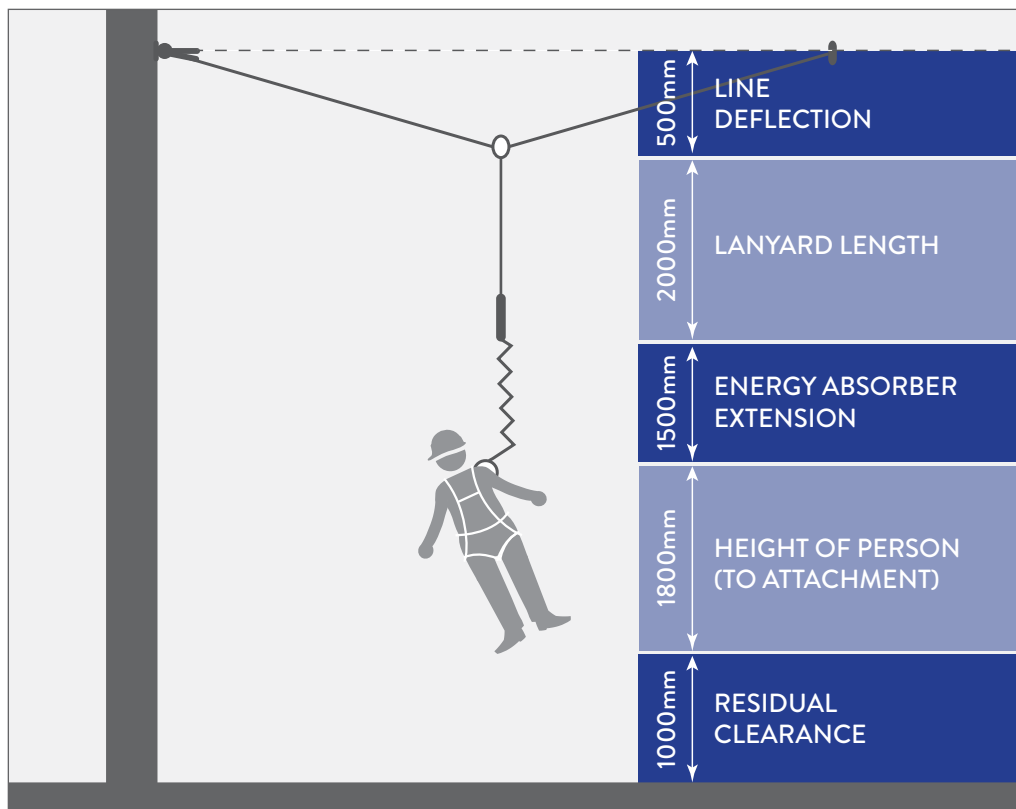
INSPECTION AND MAINTENANCE

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 Sayfa proprietary products in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

FALL DISTANCE CALCULATOR (To be used as a guide only)



WARRANTY

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@sayfa.com.au or contact technical helpline, 1300 301 755.

NEVER HAS SAFETY
IN THE WORKPLACE
HAD A HIGHER PRIORITY

TERMS & 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 Sayfa system installer will void all warranty rights.
- Systems that have been installed using non proprietary equipment will void all warranties.
- System roof/cladding 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.

DISCLAIMER

All product specifications and technical descriptions, recommendations and other information provided, are given as general guidance and advice, and are to be read in conjunction with Sayfa Group 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 particular worksite. Consequent selection of the right product for any particular use, remains the user's ultimate responsibility. Sayfa Group 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.

All Sayfa Group products must be installed and used by competent personnel trained in the selection, safe use and maintenance of fall arrest systems and equipment by a registered training organisation (RTO) Installation not in accordance with Sayfa Group requirements or the use of non Sayfa Group components will void all certification and warranties.

Suitability of support structure and design layout of system is the responsibility of the installer and should be verified by a structural engineer or a site specific live load test done to ensure conformance. Maintenance and usage of the system in accordance with Sayfa Group requirements is the responsibility of the owner or manager of the workplace.

Sayfa Group maintains a policy of continuous improvement and development, and therefore reserves the right to modify, amend or otherwise alter product and system designs and specifications, models and part numbers, colours and pricing etc without prior notice. Errors and omissions are excepted, and Sayfa Group accepts no liability for incorrect information, errors or omissions.

TECHNICAL SPECIFICATION

SYSTEM CODE

3 SIXTY FALL ARREST ANCHOR
AP100

TECHNICAL DATA

MATERIALS

- Base plate – profiled stainless steel
- Swivel eye – profiled stainless steel

DIMENSIONS

- Total height – 50mm
- Overall size – 290mm x 285mm

WEIGHT

- 1.05kg (excludes fixings)

FIXINGS

- Timber fixing – 14g/ 75mm type 17 Tek screws
- Metal purlin fixing – 14g/ 75mm self drilling Tek screws
- Metal roof deck fixing – 8mm structural Bulbtite rivets
(Refer instruction manual)

WORKING LOAD LIMIT

Single person use

- Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation.
- 3 Sixty Anchor Point must be used in conjunction with an approved harness and lanyard system incorporating an energy absorber.

COMPLIANCE

3 Sixty Anchor Point is designed and manufactured in accordance with requirements of Australian Standard AS/NZS 1891.4:2009 and AS/NZS 5532:2013 and relevant statutory OHS Codes of Practice/Guidelines.

TESTING

Testing and performance based on requirements of Australian Standard AS/NZS 5532:2013.

- Dynamic load tested – 15kN
- Static load tested – 15kN

PRODUCT WARRANTY

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

INSPECTION AND MAINTENANCE

Inspection and certification required every 12 months by competent height safety system inspector in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS 1891.4:2009 Section (9).
(Refer instruction 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.





1029 MOUNTAIN HWY
BORONIA VIC 3155
AUSTRALIA

T 1300 301 755
F 1300 881 092
E INFO@SAYFA.COM.AU

FOR MORE INFORMATION
VISIT SAYFA.COM.AU



THE SAYFA GROUP

WE SAVE LIVES!

This is our Mission, and it drives our Vision to BRING EVERY WORKER HOME SAFELY.

Sayfa Group leads the industry in the design, installation and management of access, fall protection and ground safety systems. As an Australian owned company, we engineer and rigorously test our proprietary systems to exceed national and international standards. Simple installation and easy to use systems are our key drivers for ensuring maximum effectiveness and improved safety ensuring compliance with Occupational Health and Safety standards in the workplace.

OUR VALUES

We are governed by the following principles in everything we do:

- A – Accountability / Totally responsible and answerable for our actions.
- L – Loyalty / Steadfast and dependable based on our values in our dealings with one another.
- I – Integrity / Honest and sincere, we do what we say, on time every time.
- V – Value Driven / Increase what's of value in view of a win win plan for all.
- E – Enthusiastic / Motivated and inspired to continuously perform better.

COMMITMENT

We are passionate about our work with every product a testament to our commitment of world class safety, quality and performance. Our obligation is to live up to our own high standards as well as those of our customers and stakeholders ensuring total peace of mind.



PRODUCT IS OWNED BY THE SAYFA GROUP.
THE SAYFA GROUP CONSISTS OF:



3 SIXTY[®] TOP MOUNT ANCHOR

1029 MOUNTAIN HWY
BORONIA VIC 3155
AUSTRALIA



AP 130.10

TOP MOUNT ANCHOR KIT

- WITH ENERGY ABSORBING SWIVEL ATTACHMENT POINT
- UNIVERSAL PLATE
- 15KN RATED / SINGLE PERSON USE

T 1300 301 755
F 1300 881 092
E SALES@SAYFA.COM.AU

Sayfa Group certifies that the 3 SIXTY[®] top mount anchor kit is designed, manufactured and tested in accordance with the following standards:

AS/NZS 1891.4

INDUSTRIAL FALL-ARREST SYSTEMS AND DEVICES. SELECTION, USE AND MAINTENANCE

AS/NZS 5532

MANUFACTURING REQUIREMENTS FOR SINGLE-POINT ANCHOR DEVICE USED FOR HARNESS-BASED WORK AT HEIGHTS



DISCLAIMER

All Sayfa products must be installed and used by competent personnel trained in the selection, safe use and maintenance of fall arrest systems and equipment by a registered training organisation (RTO).
Installation not in accordance with Sayfa requirements or the use of non Sayfa components will void all certification and warranties.
Suitability of support structure and design layout of system is the responsibility of the installer and should be verified by a structural engineer or a site specific live load test done to ensure conformance.
Maintenance and usage of the system in accordance with Sayfa requirements is the responsibility of the owner or manager of the workplace.

CERTIFICATION
PRODUCT COMPLIANCE



3 SIXTY[®] TOP MOUNT ANCHOR

1029 MOUNTAIN HWY
BORONIA VIC 3155
AUSTRALIA



AP 130.20

TOP MOUNT ANCHOR KIT

- WITH ENERGY ABSORBING SWIVEL ATTACHMENT POINT
- TOP HAT PLATE
- 15KN RATED

T 1300 301 755
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E SALES@SAYFA.COM.AU

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CERTIFICATION
PRODUCT COMPLIANCE



3 SIXTY[®] TOP MOUNT ANCHOR



AP 130.10

TOP MOUNT ANCHOR KIT

- WITH ENERGY ABSORBING SWIVEL ATTACHMENT POINT
- UNIVERSAL PLATE
- 15KN RATED / SINGLE PERSON USE



Sayfa Group warrants that for a period of 10 years from date of purchase, that the product is free from all defects in materials or fabrication under normal use.

This warranty only applies to defects which have arisen solely from faulty materials or fabrication and does not apply to other defects including, without limitation, the following:-

Incorrect installation, accidental damage, abuse, misuse, maltreatment, abnormal stress or strain, harsh or adverse treatment, neglect, corrosive or harsh environments and excessive use.

Warranty claims must include all details and should be made to Sayfa Group within 14 days of the appearance of the defect. Under no circumstances do we accept any liability for consequential loss.

Sayfa Group requires this system be checked and re-certified at least every 12 months by a qualified height safety inspector in accordance with relevant Australian Standards and manufacturers guidelines.

WARRANTY CLAIMS

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

Identify the following information:

- Details of location where this item is installed.
- The product/system name and code number.
- The date of purchase/installation.
- Installation company details.
- The installation identification number.
- A description of the defect/warranty claim.
- Evidence of correct periodical maintenance

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TERMS & CONDITIONS

- All warranty claims must be made in writing within 14 days of the appearance of the defect.
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- Systems that have been installed using non proprietary equipment will void all warranties.
- System roof/cladding penetration seals are not covered in this warranty.
- Systems/components that have not been maintained in accordance with manufacturer's and legislative requirements will void warranty.
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WARRANTY - 10 YEARS
TERMS & CONDITIONS



3 SIXTY® TOP MOUNT ANCHOR



AP 130.20

TOP MOUNT ANCHOR KIT

- WITH ENERGY ABSORBING SWIVEL ATTACHMENT POINT
- TOP HAT PLATE
- 15KN RATED



1029 MOUNTAIN HWY
BORONIA VIC 3155
AUSTRALIA

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E SALES@SAYFA.COM.AU

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Suitability of support structure and design layout of system is the responsibility of the installer and should be verified by a structural engineer or a site specific live load test done to ensure conformance.

Maintenance and usage of the system in accordance with Sayfa requirements is the responsibility of the owner or manager of the workplace.

WARRANTY - 10 YEARS
TERMS & CONDITIONS





1300 301 755
SAYFA.COM.AU

PROPRIETARY FALL ARREST
SYSTEM FOR SAFE WORK
AT HEIGHT

⚠️ MUST BE READ AND UNDERSTOOD PRIOR TO USE

SYSTEM CONTENTS

In-Action	2
Features	3
Operation	4
Limitations	5
Safe Use Procedure	6
Maintenance	9
Anchor Positioning	12
Technical	13
Warranty	14
Specifications	15

SYSTEM OPERATION
MANUAL



3 SIXTY® ANCHOR

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

The In-Action model demonstrates access, fall and ground protection requirements for a commercial building design.

Sayfa Group recommendations fulfill current workplace requirements for the safety of building maintenance subcontractors, employees and the general public.

#	DESCRIPTION	
1	3 SIXTY	Fall arrest anchors
2	TRAVEL 8	Roof or wall mount static lines
3	SENTRY	Roof mount guardrails
4	ON-TRAK	Roof walkways (yellow or grey)
5	PROTEX	Skylight protectors
6	RAPTOR	Overhead fall arrest rails

#	DESCRIPTION	
7	KATT	Modular fixed ladders
8	VISTA	Modular fold down ladders
9	ALTO	Step ladders & step bridges
10	ALTO	Stairs & platforms
11	MODDEX	Handrails & balustrades
12	SKYDORE	Roof access hatches

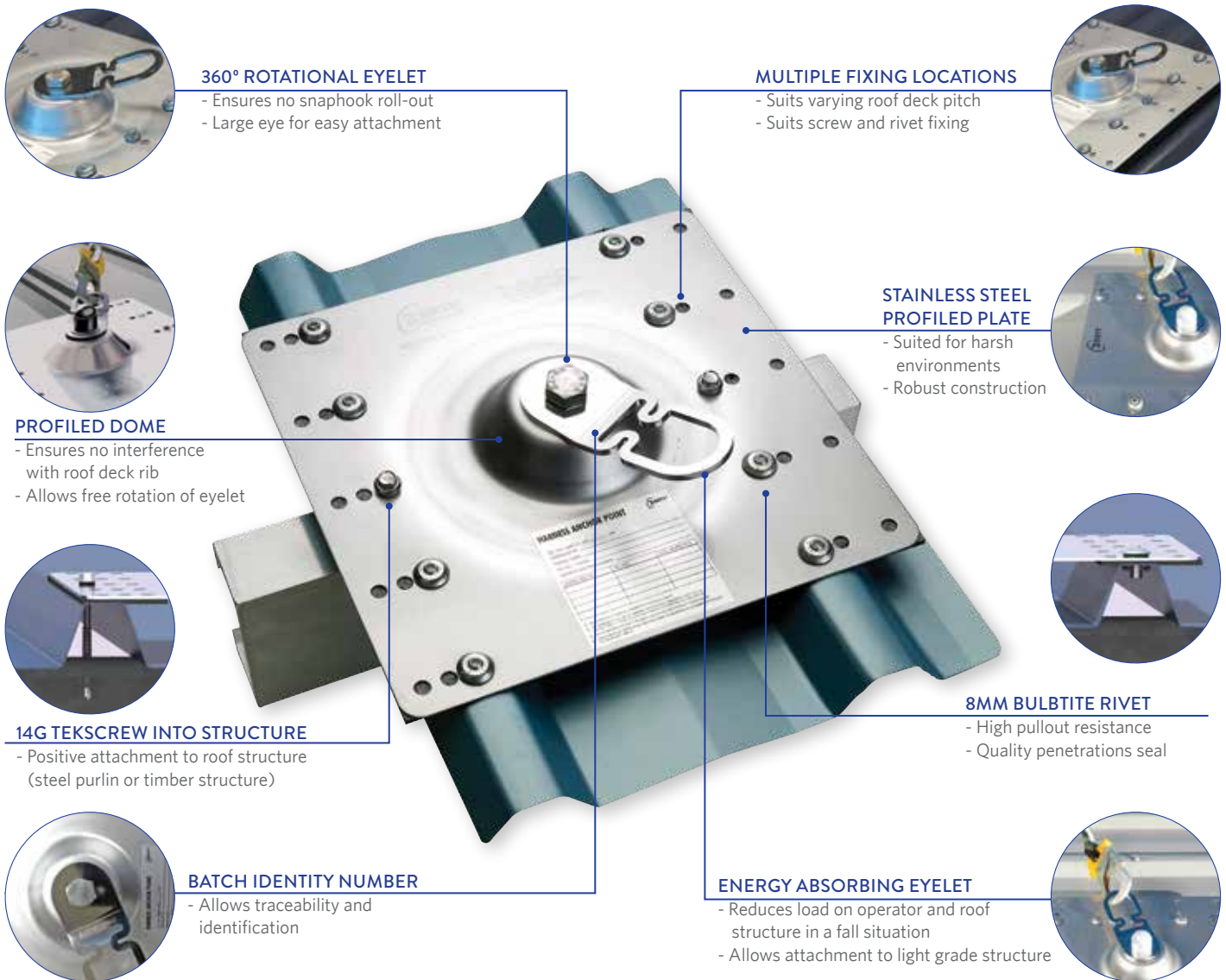
For more information, please contact Sayfa Group directly.



IT'S THE SAYFA WAY

3 SIXTY® FOR PERSONNEL WORKING AT HEIGHT WHO USE A HARNESS AND LANYARD FALL PROTECTION SYSTEM

FEATURES & BENEFITS



UNIQUE
PRODUCT FEATURE

360° TOP MOUNT ANCHOR

FOR MULTI-DIRECTIONAL USE

The rotational deforming eyelet provides significant load reduction in a fall situation, minimising injury to the operator as well as excessive impact loads to the anchor structure. As a result, performance on lighter structures is enhanced whilst allowing maximum install flexibility.

PATENTS AND DESIGN REGISTRATIONS APPLY



OPERATION

MUST BE READ PRIOR TO USE

1. Prior to use, ensure all operating procedures have been read and properly understood.
2. This fall arrest system is only to be used by competent persons who have experience and training in the safe use of the system and associated equipment.
3. Ensure all workplace OH&S requirements are identified and understood. A risk assessment with a safe work method procedure must be completed and approved by management prior to work commencing.
4. This system requires periodic inspection and maintenance by a qualified height safety inspector. The system **MUST NOT** be used if the service date is overdue.
5. A rescue plan must be formulated and ready for implementation prior to using any fall arrest system.
6. Authorisation to access any risk area must be obtained from the person in control of the workplace.
7. Only approved full body harness, gear and equipment with an energy absorber certified to Australian Standard AS/NZS 1891 is to be used with this system.
8. Visually inspect the system for damage prior to use. The system must not be used if there is any deterioration or deformation of components or the structure to which the system is attached.
9. If the safety system is damaged or has arrested a fall, discontinue use until it has been fully inspected and recertified by a competent height safety equipment inspector.
10. Ensure all fixings, fittings and components are securely attached. Any tightening, adjustment or replacement of components must be carried out by a competent height safety inspector.
11. Persons must not be allowed to work alone in fall arrest situations in case emergency rescue assistance or first aid is required.
12. All applicable Australian Standards, OHS Acts & Regulations, and Codes of Practice & Guidelines must be read and obeyed when using this safety system.
13. The reading of this user manual does not replace the need for completing a recognised height safety training course by a Registered Training Organisation (RTO).

⚠ Failure to follow all warnings, usage and maintenance instructions may result in serious injury or death.

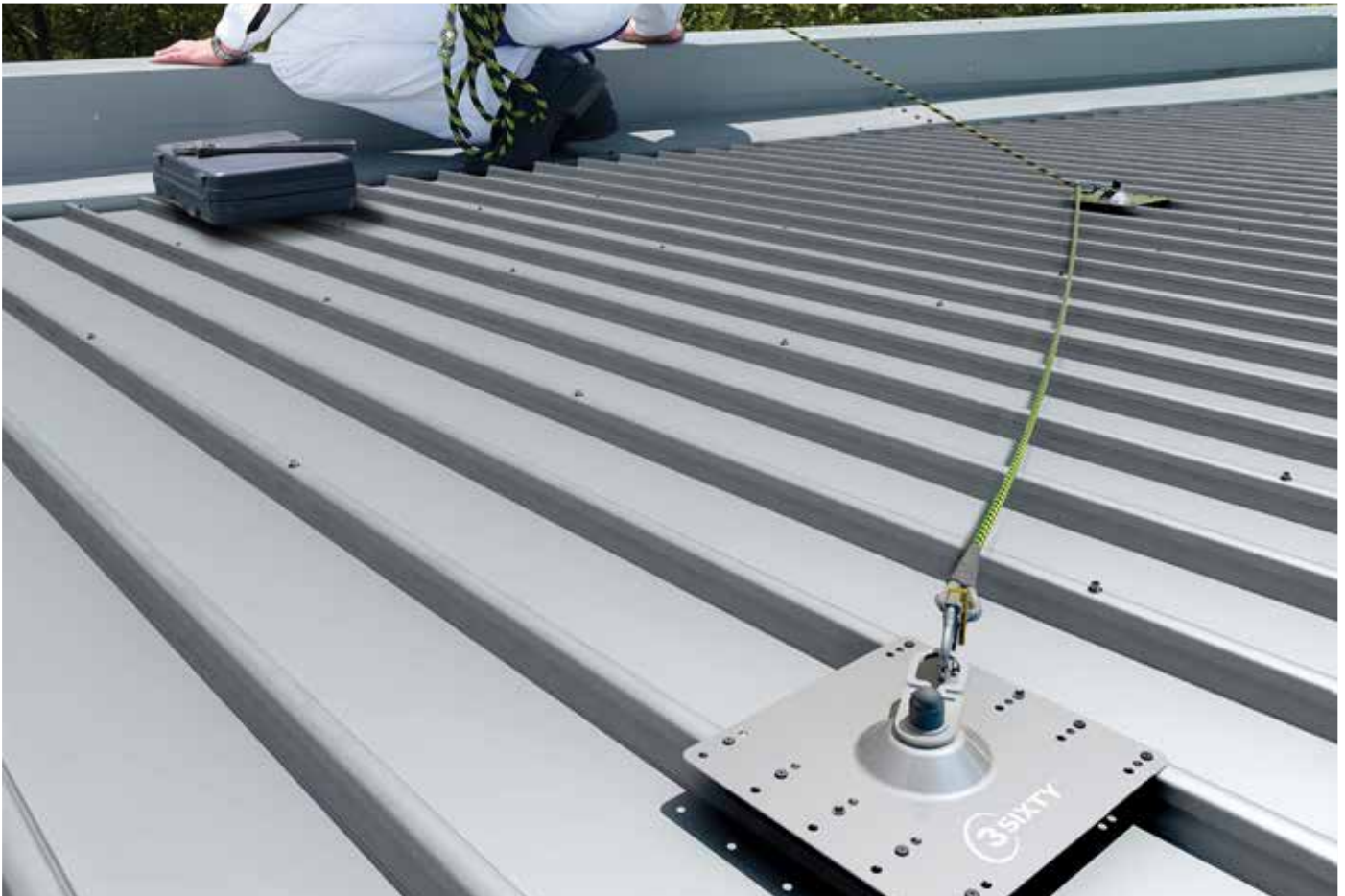


LIMITATIONS

MUST BE READ PRIOR TO USE

1. The 3Sixty 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 of height safety and fall protection systems.
3. Harness gear is susceptible to deterioration when exposed to chemicals or hazardous environments and must be approved by the manufacturer for use in these applications.
4. Operators of this system must be connected via a lanyard with a personal energy absorber, in accordance to Australian Standard AS/NZS 1891.1.
5. Where slopes exceed 40°, the 3 Sixty anchor must not be used as the energy absorbing eyelet may deform under constant load. The Sayfa AP141 Xplora rope access anchor is recommended for this application when using a work positioning system with a safety rope line.
6. Do not exceed maximum number of users/persons per system. See specific system data plate for user configuration.
7. Do not tamper with system components.
8. This system is not to be used for tethering or lifting machinery or equipment.
9. The safety system must be recertified by a competent height safety inspector as recommended:
 - Non corrosive/mild environment - 12 monthly
 - Corrosive/harsh environment - 6 monthly (more frequent inspection may be required)

⚠ Sayfa 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.

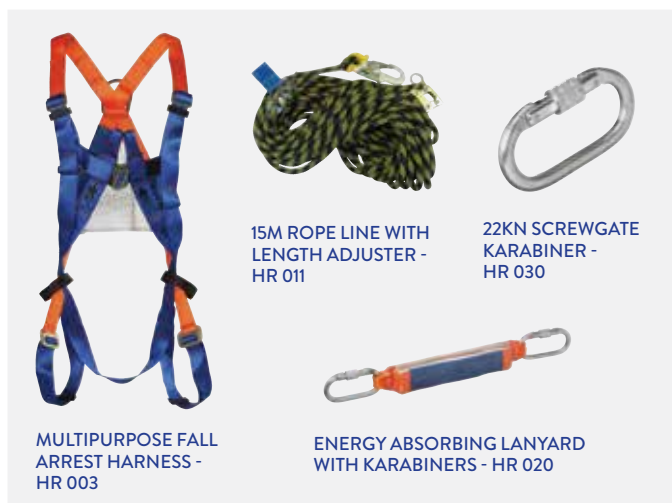


SAFE USE PROCEDURE

STEP 1

Ensure a full body harness and suitable rope line lanyard is used with this system.

- ⚠️ **Harness gear must be certified to Australian Standards AS/NZS 1891.1.**
- ⚠️ **Harness gear must be used with a tear-web energy absorbing lanyard connected to fall arrest point of harness.**
- ⚠️ **Ensure harness gear serviceability dates are current.**



STEP 2

Approach anchorage system from a 'Safe Zone' i.e. no risk of fall or injury.



STEP 3

Inspect anchorage device for any damage or deterioration and check the device has been serviced and recertified.

- ⚠️ **Do not use if current date exceeds due service date.**



STEP 4

Attach rope line lanyard to anchorage device and adjust rope line length evenly in the shortest distance to the fall edge.

- ⚠️ **Ensure there is NO slack rope line.**



SAFE USE PROCEDURE

STEP 5

Ensure there is NO possibility of a pendulum fall from the fall edge.

⚠️ User must remain in restraint at all times. Limit access beyond the fall edge by correctly adjusting the rope line adjuster and do not allow slack in rope line.



STEP 6

Use diversion anchors to access corners or possible pendulum areas. Attach rope line to diversion anchorage using karabiner.



STEP 7

Harness equipment must be stored in protective carry bag provided and kept in a dry environment.

⚠️ Any damage to harness gear or anchorage system during use MUST be reported to the workplace manager and removed or tagged 'Out of Service' until recertified by competent height safety inspector.



STEP 8

Proceed safely back to the roof access point.

⚠️ Follow the company reporting procedure on completion.



SAFE USE PROCEDURE

CORRECT ROPE LINE LENGTH

Rope line length must limit access beyond the fall edge



INCORRECT ROPE LINE LENGTH

Slack rope line between user and anchor will result in a fall and could cause severe injury or death.



MAINTENANCE

1. The 3Sixty 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 specialist 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.
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

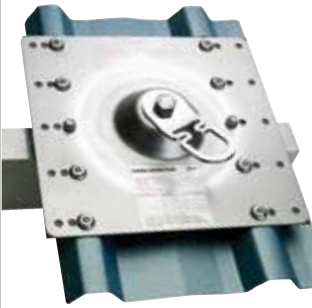



The checklist below outlines key checking criteria required to ensure the safe use of this system. Any item of concern not shown on the checklist must be noted on the maintenance report and brought to the attention of the workplace manager.

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.

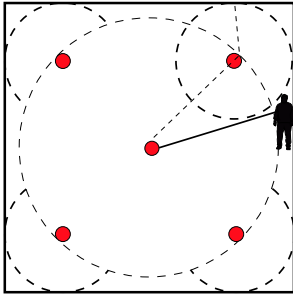
SYSTEM MAINTENANCE CHECKLIST

COMPONENT	INSPECTION CRITERIA	PASS Y / N	CORRECTIVE ACTION	COMPLETION DATE
	Fixings to structure secure (min. 2 fixings to purlin, 8 fixings to roof deck)			
	Screws into structure must be verified by removing and checking if uncertain			
	Fixings to roof deck structure secure			
	No evidence of penetration seal deterioration			
	Ensure eyelet fixing connection to plate is secure, max 5mm play between eyelet and plate.			
	No evidence of eyelet damage or deformation			
	Ensure eyelet rotates freely			
	Data label attached and clearly visible			
	All relevant data filled out including last maintenance date			
	Roof deck quality in good condition i.e. No visible rust or roof deterioration.			

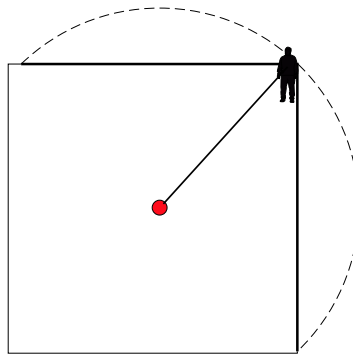
⚠ A record of system maintenance, recertification and repairs must be kept by the workplace manager.

ANCHOR POSITIONING

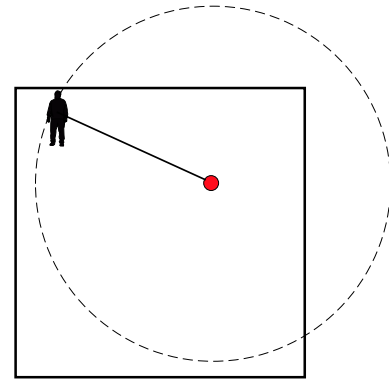
⚠️ Correct Anchor Positioning And Rope Length Is Critical To Avoid Pendulum Effect



✓ Correct anchor positioning and rope line length

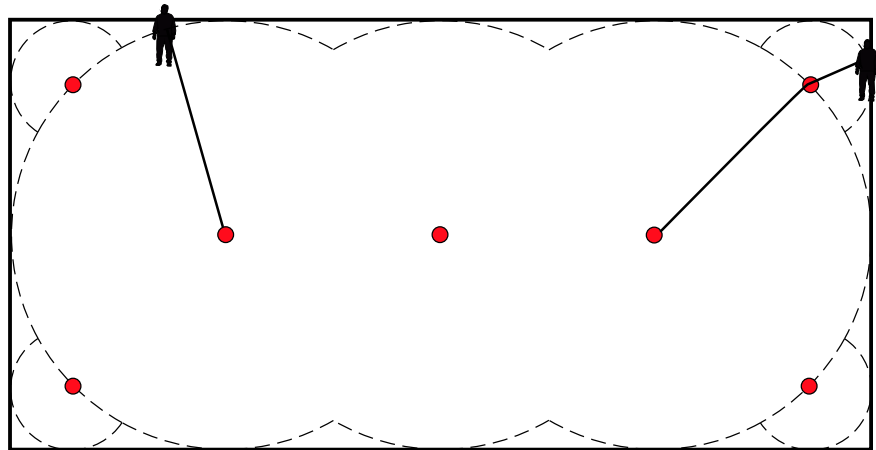


✗ Incorrect rope line length, operator could pendulum fall off roof

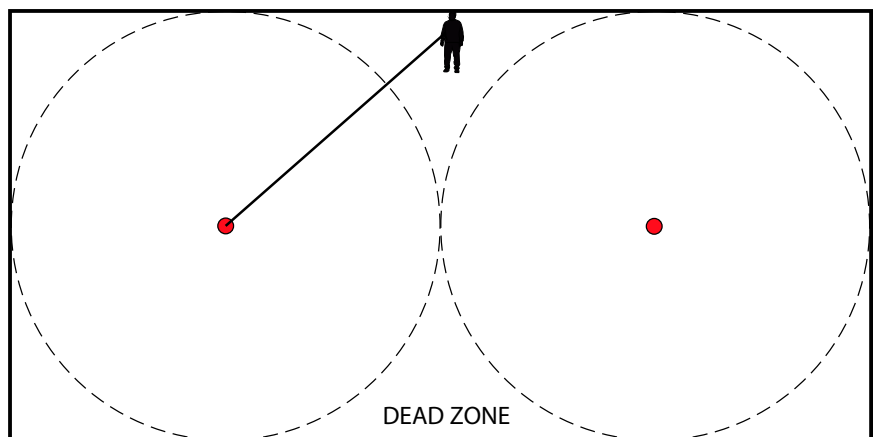


✗ Incorrect anchor layout allows dangerous pendulum fall off roof

✓ Correct anchor layout and rope line length with anti-pendulum corner anchorages



✗ Insufficient anchorages cause large dead zones requiring extended lanyard length which allows dangerous pendulum fall possibilities



TECHNICAL

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). Karabiners supplied with proprietary systems must not be removed or substituted with any other component.

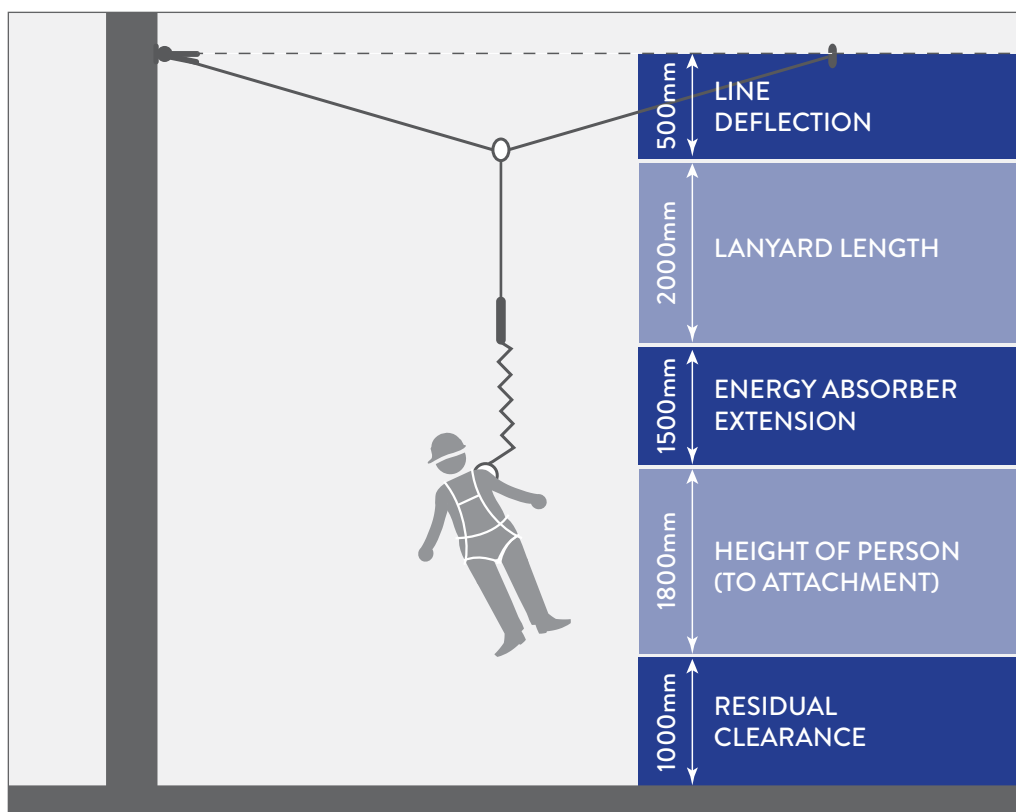
INSPECTION AND MAINTENANCE

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 Sayfa proprietary products in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

FALL DISTANCE CALCULATOR (To be used as a guide only)



WARRANTY

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@sayfa.com.au or contact technical helpline, 1300 301 755.

NEVER HAS SAFETY
IN THE WORKPLACE
HAD A HIGHER PRIORITY

TERMS & 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 Sayfa system installer will void all warranty rights.

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

System roof/cladding 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.

DISCLAIMER

All product specifications and technical descriptions, recommendations and other information provided, are given as general guidance and advice, and are to be read in conjunction with Sayfa Group 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 particular worksite. Consequent selection of the right product for any particular use, remains the user's ultimate responsibility. Sayfa Group 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.

All Sayfa Group products must be installed and used by competent personnel trained in the selection, safe use and maintenance of fall arrest systems and equipment by a registered training organisation (RTO) Installation not in accordance with Sayfa Group requirements or the use of non Sayfa Group components will void all certification and warranties.

Suitability of support structure and design layout of system is the responsibility of the installer and should be verified by a structural engineer or a site specific live load test done to ensure conformance. Maintenance and usage of the system in accordance with Sayfa Group requirements is the responsibility of the owner or manager of the workplace.

Sayfa Group maintains a policy of continuous improvement and development, and therefore reserves the right to modify, amend or otherwise alter product and system designs and specifications, models and part numbers, colours and pricing etc without prior notice. Errors and omissions are excepted, and Sayfa Group accepts no liability for incorrect information, errors or omissions.

TECHNICAL SPECIFICATION

SYSTEM CODE **3 SIXTY FALL ARREST ANCHOR**
AP100

TECHNICAL DATA

MATERIALS

- Base plate – profiled stainless steel
- Swivel eye – profiled stainless steel

DIMENSIONS

- Total height – 50mm
- Overall size – 290mm x 285mm

WEIGHT

1.05kg (excludes fixings)

FIXINGS

- Timber fixing – 14g/ 75mm type 17 Tek screws
- Metal purlin fixing – 14g/ 75mm self drilling Tek screws
- Metal roof deck fixing – 8mm structural Bulbtite rivets
(Refer instruction manual)

WORKING LOAD LIMIT

Single person use

- Support structure integrity, suitability and fixing method to be assessed and determined by a competent person prior to installation.
- 3 Sixty Anchor Point must be used in conjunction with an approved harness and lanyard system incorporating an energy absorber.

COMPLIANCE

3 Sixty Anchor Point is designed and manufactured in accordance with requirements of Australian Standard AS/NZS 1891.4:2009 and AS/NZS 5532:2013 and relevant statutory OHS Codes of Practice/Guidelines.

TESTING

Testing and performance based on requirements of Australian Standard AS/NZS 5532:2013.

Dynamic load tested – 15kN
Static load tested – 15kN

PRODUCT WARRANTY

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

INSPECTION AND MAINTENANCE

Inspection and certification required every 12 months by competent height safety system inspector in accordance with manufacturer's specifications and requirements of Australian Standard AS/NZS 1891.4:2009 Section (9).
(Refer instruction 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.

Designed and manufactured by Sayfa Group. For all technical assistance contact Sayfa Group.SAYFAGROUP-3.7.2014



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E INFO@SAYFA.COM.AU

FOR MORE INFORMATION
VISIT SAYFA.COM.AU



THE SAYFA GROUP

WE SAVE LIVES!

This is our Mission, and it drives our Vision to BRING EVERY WORKER HOME SAFELY.

Sayfa Group leads the industry in the design, installation and management of access, fall protection and ground safety systems. As an Australian owned company, we engineer and rigorously test our proprietary systems to exceed national and international standards. Simple installation and easy to use systems are our key drivers for ensuring maximum effectiveness and improved safety ensuring compliance with Occupational Health and Safety standards in the workplace.

OUR VALUES

We are governed by the following principles in everything we do:

- A – Accountability / Totally responsible and answerable for our actions.
- L – Loyalty / Steadfast and dependable based on our values in our dealings with one another.
- I – Integrity / Honest and sincere, we do what we say, on time every time.
- V – Value Driven / Increase what's of value in view of a win win plan for all.
- E – Enthusiastic / Motivated and inspired to continuously perform better.

COMMITMENT

We are passionate about our work with every product a testament to our commitment of world class safety, quality and performance. Our obligation is to live up to our own high standards as well as those of our customers and stakeholders ensuring total peace of mind.



PRODUCT IS OWNED BY THE SAYFA GROUP.
THE SAYFA GROUP CONSISTS OF:



Mechanical Testing

- Tensile
- Compression
- Bend
- Flexure
- Proof Load
- Structures
- Fasteners
- Composites
- Concrete
- Fatigue
- Scaffolds
- Formwork
- Force Calibrations

TEST CERTIFICATE

FOR REPORT NO. MT-14/301

CLIENT: SAYFA SYSTEMS
1029 MOUNTAIN HIGHWAY
BORONIA VIC 3153

PRODUCT NAME: Swivel Single Point Fixed Anchor For Harness Attachment

STANDARD REFERENCE: AS/NZS 5532:2013
MANUFACTURING REQUIREMENTS FOR SINGLE-POINT
ANCHOR DEVICE USED FOR HARNESS-BASED WORK
AT HEIGHT

TEST COMMENTS:

The tests as reported herein, confirm that the SAYFA, swivel, single point, fixed, fall-arrest anchorage successfully passed the static and dynamic performance requirements as specified in AS/NZS 5532:2013 for a 15kN capacity anchor rating.

NOTES:

1. Melbourne Testing Services (MTS) Pty Ltd shall not be liable for loss, cost, damages or expenses incurred by the client or any other person or company, resulting from the use of any information or interpretation given in Test Report No. MT-14/301. In no case shall Melbourne Testing Services Pty Ltd be liable for consequential damages including, but not limited to, lost profit, damages for failure to meet deadlines and lost production arising from Test Report No. MT-14/301. This document shall not be reproduced except in full and relates only to the items tested.
2. It remains the responsibility of the client to ensure that the samples tested are representative of the entire product batch.
3. MTS shall take no responsibility for the procurement and authenticity of the test product as described herein.
4. Test Report No. MT-14/301 is specific to the test items in their state at the time of testing. It should not be taken as a statement that all products in all states of repair, would also perform in the same manner.
5. MTS shall take no responsibility for the assembly procedures or installation methods used for the test items as described herein.
6. Test Report No. MT-14/301 only indicates the results for the lifting beams in their state at the time of testing. It should not be taken as a statement that all similar lifting beams in all states of repair, would also be found to have similar results.



MARK WILKIE
LABORATORY TEST TECHNICIAN
DATE: 15TH APRIL 2014