

PURLIN MOUNT ANCHOR

KATTSAFE

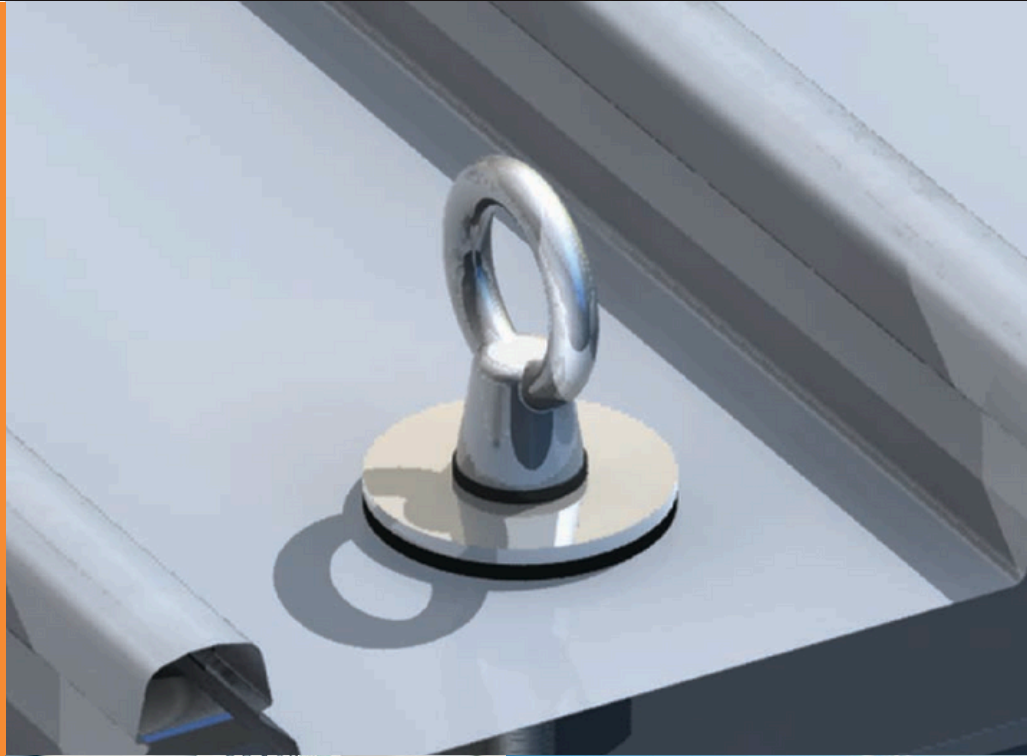
AP123 Purlin Mount Anchor

The purlin mount anchor is a compact anchor that is installed on metal roof decks for rope access and fall arrest use.

Compact purlin mount anchor that is installed into purlins under metal roof decks for twin rope access and fall arrest use.

HOW IT IS USED

The AP123 purlin mount anchor is designed for rope access and fall arrest use from metal roof decks. Designed to be low profile anchors with maximum strength. They also come in three different variations to ensure they can be mounted to any roof deck profile.



Features and benefits of the system:

- Available in three different variations to suit flat, corrugated and square corrugated roofs.
- Rated to 15kN
- Suited for fall arrest or twin rope access use

PURLIN MOUNT ANCHORS

High strength purlin mount anchor installed into purlins under metal roof decks for twin rope access and fall arrest use.



Large eyelet

Stainless steel eyebolt for easy snap hook attachment, with a 50kN tensile load ability.



Captured seal

O ring seal designed to be protected from exposure to UV.



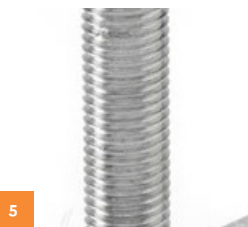
Large support flange

Increases penetration seal area, and is protected with an EPDM seal.



Anchor block

Stainless steel anchor block with rounded edges for easy installation.



Eyebolt shank

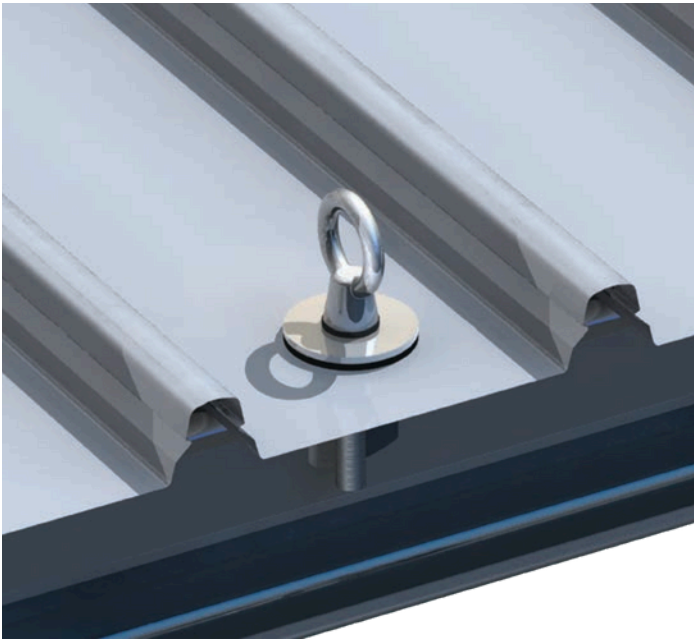
High strength M16 stainless steel construction.



PURLIN MOUNT ANCHOR CONFIGURATIONS

AP123F Purlin mount anchor - flat

- Square flange for mounting to square corrugated



AP123C Purlin mount anchor - corrugated

- Curved flange for mounting to corrugated roofs



AP123S Purlin mount anchor - square corrugated

- Square flange for mounting to square corrugated



TECHNICAL SPECIFICATION

Tension anchor AP110

Compact purlin mount anchors installed into purlins under metal roof decks for twin rope access and fall arrest use. System design, supply, layout, installation and certification by a Alta approved installer, as per the manufacturer's installation instructions and current standards.

Materials

- 316 stainless steel
- Penetration seal: EPDM rubber

Dimensions

- Total height: 165mm
- Eyebolt diameter: 60mm OD, 35mm ID
- Threaded rod: 100mm
- Flange: 70mm

Weight

0.7 kg

Fixings (refer to installation manual)

- See installation procedure

Substructure requirements

- Minimum purlin size: 150 x 1.5mm
- Minimum roof deck thickness: 0.42mm
- A minimum of three purlins connected to the roof deck
- Clip-fix roofs with less than 5 purlins require additional

Rating

- Fall arrest use: 15kN
- Rope access use: 12kN

Compliance

The AP123 purlin mount anchor is designed and manufactured to conform to requirements of Australian and New Zealand standard AS/NZS 5532:2013, AS/NZS 1891.4:2009 and relevant statutory WHS Codes of Practice/Guidelines.

Testing

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

- Dynamic load tested: 15kN
- Static load tested: 15kN

Product warranty

10 years from the 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 Standard AS/NZS 1891.4:2009 (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 design@altasafety.co.nz or contact technical helpline, 0800 115 396.

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.

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TECHNICAL DRAWINGS KEY



Rate to
15kN



Person
Capacity



Abseil



Fall Arrest



Restraint
Technique