

Tension Anchor

ANC10E - Epoxy adhesive fix

ANC10S - Seismic wedge fix



Tension Anchor

Applications

- Designed for use at angles greater than 20 degrees and constant tension.
- Engineered for rope access use in overhead and re-belay applications under façade overhangs, as well as general fall arrest use.
- Can be installed onto concrete or steel structures.

Advantages

- No-weld stainless steel composition ensures no performance weak points
- Load rated up to 21kN single person use.
- Designed and manufactured in Australia.

Technical Data

Material

- 316 stainless steel

Dimensions

- 200 (L) x 85 (W) x 95mm (H)
- See diagrams on pages 6-8

Fixings

- ANC10E: 2 stainless steel M12 x 150mm
- ANC41S: 2 stainless steel M12 x 125mm

Weight

- 0.7kg

Substructure Requirements

- Minimum concrete thickness: 200mm.
- Concrete thickness less than 200mm requires compliance by having structure certified and the anchor proof load tested as per AS/NZS 1891.4:2009.

Ratings

- Single person use installed rating: 21kN
- Break test peak load rating: 50kN
- Rescue can be performed off the same anchor if situation permits

Compliance

The tension anchor is designed and manufactured in accordance with requirements of Australian and New Zealand Standards AS/NZS 1891.4:2009, AS/NZS ISO 22846 and AS/NZS 5532:2013

Testing

Testing and performance based on AS/NZS1891.4:2009 and AS/NZS5532.2013. Dynamic load test: 15kN. Static load test: 15kN. Ultimate static load test: 50kN+

Warranty

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

Inspection & Maintenance

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).

Important Notes

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

Concrete thickness less than 200mm requires compliance by having structure certified and the anchor proof load tested as per AS/NZS 1891.4:2009. Device is for personnel use only

Technical Support

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