

## IDEAL SOLUTION FOR BOTH RESIDENTIAL AND COMMERCIAL APPLICATIONS.

### L4543 Steel Purlin Mount Anchor

- Easy installation, can be installed from above or below the roof surface by a single person



- For use on steel roof sheeting attached to steel purlins

- All metal components are manufactured from 316 grade stainless steel

- Can be used in both fall arrest or fall restraint applications - will not bend below 200kg of force

- Rated to 22kN when installed on an adequate roof structure, which is capable of taking a fall for up to two people

- Large eye allows for easy attachment of lanyards or lifelines

- Conveniently packaged

- Data/inspection tag included

- Comprehensive installation instructions included. Installation is to be completed by a competent person

- Meets or exceeds all applicable industry standards

**DBI-SALA Roof Anchors** DBI-SALA's permanent purlin or truss mounted roof anchors are ideal for both residential and commercial applications. The anchors provide economical solutions for fall protection during the initial construction stage as well as future roof access and maintenance. All anchor components are manufactured from 316 grade stainless steel and are able to sustain a load of up to 22kN. The anchors can be used as single anchor points or as intermediate bracket support posts for DBI-SALA temporary horizontal lifeline systems.



**L4543 Steel Purlin**

**How it Works** The anchors are designed to deform under load. In the event of a fall, the anchors absorb most of the energy bending along the length of the stainless steel threaded rod. The load distribution qualities of the DBI-SALA anchor limits the forces and results in a lower impact on the user, and the roof structure. Each anchor carries a unique batch number for traceability and certification requirements.



**L4544 Timber Truss**

### Simple, Fast and Efficient Installation

The anchors can be installed during roof construction or retrofitted after the building is completed to steel or tiled roofs. The purlin mount anchor is secured by drilling a hole through the roof sheeting and the standard C or Z section purlin (min 1.2mm gauge) and tightening the threaded rod with the top mounted eye bolt against an elongated nut. For a timber truss, the roof anchor is secured with the use of a flat 5mm stainless steel bracket fixed to the truss with 8mm bolts. Waterproofing for steel roofs is achieved through the use of a rubber gasket, where tiled roof applications require the use of a Decktite seal. Please refer to the user instruction manual for complete installation details.

### Roof Anchors:

**L4543:** Purlin mounted for steel roofs

**L4544:** Truss mounted for steel or tiled roofs

### Specifications:

**Weight (Approx):** L4543 - 1.4kg, L4544 - 3.2kg. **Eye Bolt with 16mm threaded bar:** 316 grade stainless steel. **Tube:** 316 grade stainless steel, **M16 Relieved Nut:** 316 grade stainless steel. **Washer:** Nylon for use with model L4543 only. **Plate:** L4543 - 316 grade stainless steel, 50mm x 10mm x 100mm; L4544 - 316 grade stainless steel, 75mm x 6mm x 300m. **Weather Seal:** L4543 - neoprene rubber gasket, L4544 - decktite seal. **Compatibility:** DBI-SALA anchors are designed for use with DBI-SALA approved components and systems or as recommended by a competent person. **Rating:** 22kN (when installed on an adequate roof structure, which is capable of taking a fall for up to two people). **Standards:** AS/NZS 1891.4. **Special Instructions/Conditions of Use:** Reading user instruction manual prior to use is essential. Annual inspection and re-certification is required as per AS/NZS 1891.4.2000

### Capital Safety:

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