



## MiTek Australia Ltd.

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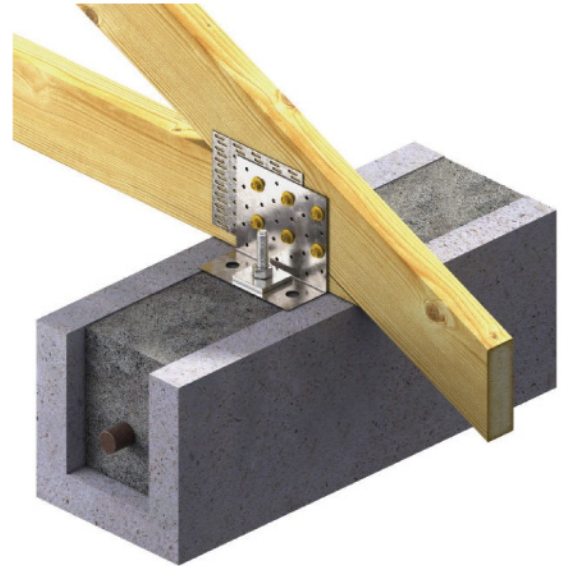
**Web Site** www.mitek.com.au

### Product Certification

Product Name: **Concrete Fixing Cleat**

Product Code: CF1

Product Description: The Concrete Fixing Cleat is used to hold down timber trusses onto the tops of concrete masonry walls. The base of the cleat is tied down with an embedded M12 or M16 threaded rod and washer. The upright flange is fixed to one side of the truss with a specified number of MiTek screws to develop the required tie down capacity. A pair of cleats (one on each side of the truss) may be used to double the overall design capacity.



Product Drawing: CF1.dwg (Issue 4 – 2017)

The Concrete Fixing Cleat is an engineered building product that has been designed and developed by professional engineers in the research and development laboratories of MiTek Australia and MiTek New Zealand to meet the requirements of AS/NZS 1170:2002 "Structural Design Actions", AS 1720.1:2010 "Timber Structures Part 1", AS/NZS 4600:2005 "Cold-formed Steel Structures", AS 1684:2010 "Residential Timber Framed Construction" and AS 4773:2010 "Masonry in Small Buildings".

The complete range of applications, design properties and installation procedures is published in the attached MiTek specifications Ref No. 150401 entitled, "CONCRETE FIXING CLEAT CF1". The full development report, including physical laboratory testing using NATA calibrated testing equipment in accordance with AS1720.1 procedures, is contained in file reference 150401 held at MiTek Australia Ltd.

This certifies that the CF1 Concrete Fixing Cleat complies with the requirements of the National Construction Code of Australia 2016.

