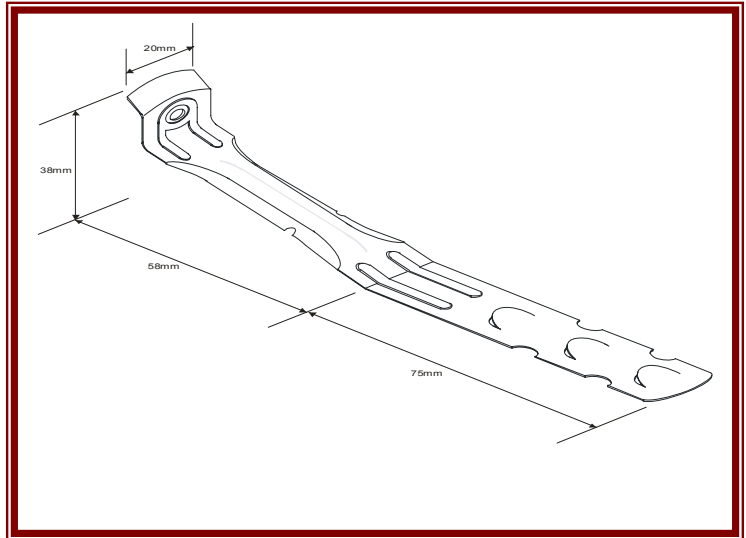


TESTS ON ANCON STAIFIX AMD MEDIUM DUTY TIMBER FRAME WALL TIES TO AS/NZ 2699.1:2000

Certificate No. 0192. Test Reference: SW261.02 Issue Date: 14/10/2003

**Product**

0.61mm thick, 129mm long timber frame wall ties, were tested over a cavity width of 50mm in accordance with AS/NZS 2699.1:2000 Built In Components for Masonry Construction, Part 1 Wall Ties. Couplets were made from wire cut clay bricks (comp. strength 45.3N/mm<sup>2</sup> water absorption 11.4%). Timber end 90mm x 35mm C24 timber using a No.8 dome head wood screw.



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**Test Results**

Summary of Characteristic Values of Ancon Staifix AMD Veneer Ties Tested at 50mm cavity in Designation (iv) mortar and Screwed to Timber Studding with a 10mm Horizontal and 10mm Vertical Applied Displacement

Test	Test Mode	Characteristic Load at 1.5mm Deflection (N)	*AS/NZ 2699.1:200 Recommended Load at 1.5mm Deflection (N)
Tension	Screwed to timber studding using No.8 dome head wood screw	417	400
Compression		488	480
Tension	Built into brick couplet using 1:2:9 mortar	409	400
Compression		501	480

**Definition**

Type A ties are not required to have specific seismic design characteristics. A Type A masonry veneer tie is defined as a tie, together with its fixings or anchorages, is used to transfer face loads from a veneer to a structural backing while being capable of accommodating differential in-plane horizontal and vertical deflections between the attached elements.

**Assessment**

The tie having been assessed by CERAM Building Technology against the requirements of AS/NZS 2699.1:2000 meets the requirements of a Type A medium duty masonry veneer tie. Full test results are reported in CERAM Building Technology UKAS Test Report No. SW261.02 issued

Authorised by:

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