

**REPORT OF TESTS ON ANCON HRT4 2.5mm DIAMETER,  
200mm LONG STAINLESS STEEL WIRE WALL TIES**

**Summary Report No. 0160.**

**Test Reference: SW114.01**

**Issue Date: 22/08/2002**

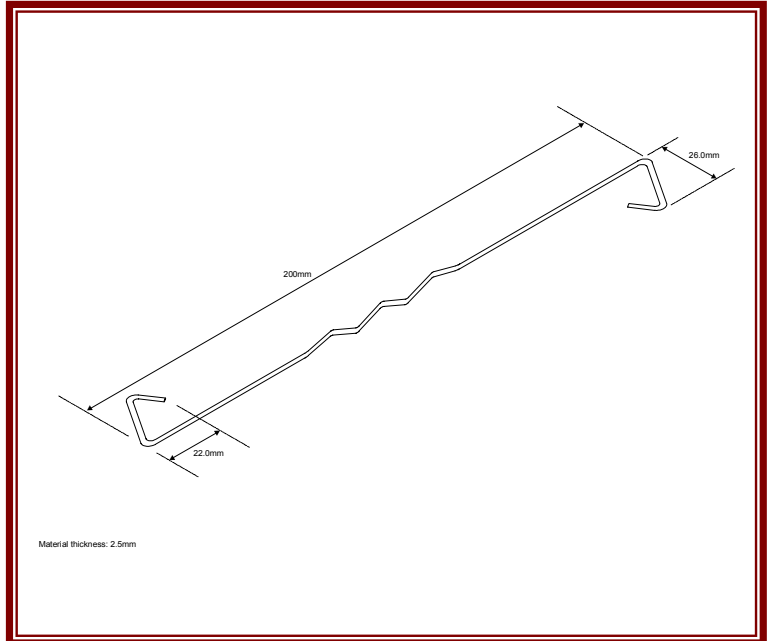
**Product**

HRT4 2.5mm diameter, 200mm long stainless steel wire wall ties were supplied by Ancon Building products to be tested in tension and compression over a nominal cavity width of 50mm in accordance with AS/NZS 2699.1:2000 Built in components for masonry construction. Part 1 Wall Ties.

**Client**



**Ancon Building Products**  
114 Kurrajong Avenue  
Mount Druitt  
Sydney  
NSW 2770



**Test Results**

*In both tension and compression, sets of 20 ties were tested. In both cases 2 results were dismissed as being abnormal test results when upper and lower exclusion limits were calculated in accordance with Appendix B Clause B10. Hence all characteristic values have been calculated using the remaining results of sets of 18.*

**Summary of Characteristic Values of Ancon HRT4 Ties Tested at 50mm cavity in Designation (iv) mortar with a 10mm Horizontal and 5mm Vertical Applied Displacement**

Test	Characteristic Load at 1.5mm Deflection (N)	*AS/NZ 2699.1:200 Recommended Load at 1.5mm Deflection (N)
Tension	856	400
Compression	587	480

**Note:**

The ties have been compared against the AS/NZ requirements for a medium duty tie

**Assessment**

The Ancon HRT4 2.5mm diameter, 200mm long wire wall tie met the AS/NZ 2699.1:2000 requirements for a Type A medium duty wall tie when tested at a cavity width of 50mm.

Full test results are reported in CERAM Building Technology Test Report No. SW114.01

**Authorised by:**

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