



Certificate of Test

No. 1570

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This is to certify that the element of construction described below was tested by the CSIRO Infrastructure Technologies in accordance with Australian Standard 1530 - 1997 “Methods for fire tests on building materials, components and structures” Part 4: “Fire-Resistance Tests of Elements of Building Construction” on behalf of:

Firefree Coatings, Inc.
 580 Irwin Street, Suite 1
 San Rafael, CA USA

A full description of the test specimen and the complete test results are detailed in the Division's Sponsored Investigation report numbered FSV 0989.

Product Name: Timber Wall System

Description: The specimen consisted of a timber clad cavity wall of overall nominal dimensions 3000-mm high x 3000-mm wide. The wall consisted of timber stud wall system lined on both sides with timber boards. The wall incorporated a perimeter frame made from two 90 mm x 45 mm pine studs. The wall frame included 90 mm x 45 mm pine studs spaced at 450-mm centres. At mid-height the studs were reinforced with 90 mm x 45 mm pine noggings. Both of the sides of the wall frame were horizontally lined with timber boards, nailed to studs. The face exposed to the fire was lined with rebated 110-mm wide x 20-mm thick pine weatherboards, fixed to the studs with 38 mm galvanised bullet nails, punched and filled with Ramset Blaze Breaker 201. The unexposed face of the wall was lined with 100-mm wide x 12.5-mm thick tongue and groove pine lining boards, fixed to the studs with 38 mm galvanised bullet nails, punched and filled with Ramset Blaze Breaker 201. Both of the wall faces were then painted with Firefree 88 Fire Resistant Paint using the sponsor's application procedure. Construction is detailed in drawing titled “Fire resistance test on a full-scale framed wall system in accordance with AS 1530.4-1997”, dated 7 April 2003, by Australasian Fire Resistant Systems.

The element of construction described above satisfied the following criteria for fire-resistance for the period stated.

Structural Adequacy	-	not applicable
Integrity	-	30 minutes
Insulation	-	no failure at 33 minutes


and therefore for the purpose of Building Regulations in Australia, achieved a fire-resistance level (FRL) of -/30/30. The FRL is applicable for exposure to fire from the same side s tested.

Testing Officer: Chris Wojcik Date of Test: 17 July 2003

Issued on the 10th day of March 2016 without alterations or additions. This issue supersedes COT 1570 dated 25/07/2003.

B. Roddy

Brett Roddy
 Manager, Fire Testing and Assessments

	<p>NATA Accredited Laboratory Number: 165 Corporate Site No 3625 Accredited for compliance with ISO/IEC 17025</p>
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