



## Certificate of Test

No. 2668

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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, Methods for fire tests on building materials, components and structures, Part 4-2005 on behalf of:

Brickworks Building Products Pty Ltd  
738-780 Wallgrove Road  
HORSLEY PARK NSW

A full description of the test specimen and the complete test results are detailed in the Division's Sponsored Investigation report numbered FSV 1705.

Product Name: Non-loadbearing Pronto Panel wall system.

**Description:** The specimen comprised a non-loadbearing Pronto Panel wall system. The overall dimensions of the wall assembly were 3000-mm high x 3000-mm wide x 60-mm thick, the wall was mounted into a 3015-mm high x 3000-mm wide double brick wall opening.  
The panel wall was built using five Pronto Panels, each nominally 3000-mm high x 610-mm wide x 60-mm thick. The Pronto Panel consisted of a cement matrix with polystyrene aggregate. The panels were faced on both sides with 5-mm thick fibre cement boards adhered to the core with a polymer adhesive. The panels were unreinforced and had a stated density of 865 kg/m<sup>3</sup>.  
The vertically laid panels were restrained along the top, bottom and one vertical edge using 75-mm x 50-mm x 1.2-mm BMT slotted steel angles. The angles were fixed to the top and bottom of the brick opening using 50-mm long x 6.5-mm diameter metal sheathed masonry anchors at nominal 600-mm centres. The panels were fixed to the steel angles from the exposed side only, using two 50-mm long 14-10 hex head type 17 screws per panel at 300-mm nominal centres. The panels incorporated tongue and groove butt joints, and were joined together with Pronto Adhesive Compound. A 10-mm wide expansion gap was left along the head of the panel wall sealed from the unexposed side with Bostik Fireban One polyurethane sealant to a nominal depth of 30-mm, controlled by a backing rod.  
Details of construction is shown in drawings PR 030-PR 031, both dated 14 July 2015, by Brickworks Building Products.

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

Structural Adequacy	not applicable
Integrity	87 minutes
Insulation	80 minutes

and therefore for the purpose of Building Regulations in Australia, achieved a fire-resistance level (FRL) of -/60/60. The FRL is applicable for exposure to fire from the same direction as tested.

This certificate is provided for general information only and does not comply with regulatory requirements for evidence of compliance.

Testing Officer: Chris Wojcik      Date of Test: 27 July 2015  
Issued on the 24<sup>th</sup> day of August 2015 without alterations or additions.

Brett Roddy  
Manager, Fire Testing and Assessments



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