

Certificate of Assessment

NKI6989

No. 1852

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This is to certify that the specimen described below was tested by the CSIRO Division of Materials Science and Engineering in accordance with International Standard ISO 5660-1:2002 Reaction-to-fire tests – Heat release, smoke production and mass loss rate – Part 1: Heat release rate (cone calorimeter method) and Part 2: Smoke production rate (dynamic measurement), at 50 kW/m², on behalf of:

Forman Building Systems Limited
20 Vestey Drive
Mt. Wellington
AUCKLAND
NEW ZEALAND

A full description of the test specimen and the complete test results are detailed in the Division's sponsored investigation report numbered FNKI 10867.

SAMPLE

IDENTIFICATION: Fibreglass Pre-formed Pipe Section

DESCRIPTION OF

SAMPLE: The sponsor described the tested specimen as glass-fibre pre-formed pipe section.

Nominal thickness: 50-mm
Nominal density: 80 kg/m³
Nominal mass: 4890 g/m²
Colour: yellow

SAMPLE

CLASSIFICATION: Group Number: Group 1-S
(In accordance with Verification Method C/VM2 Appendix A Paragraph A1.2 and Paragraph A1.3 of the New Zealand Building Code.)

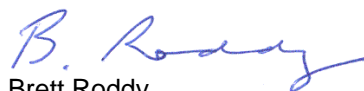
Average specific extinction area: 3.8 m²/kg
(In accordance with Verification Method C/VM2 Appendix A Paragraph A1.2 of the New Zealand Building Code.)

As a requirement of the New Zealand Building Code, Appendix CM2, Appendix A (Normative): Establishing Group Numbers for lining materials, Clause A1.1 (b), substrates of foil-faced materials must be deemed non-combustible to be appropriate for Group Number prediction using data obtained in accordance with ISO 5660.

The substrate for this material, Tasman glass-fibre insulation, had been tested to AS/NZS 1530.1:1994 Combustibility test for materials (CSIRO Report No. FNC10853, 26 Sept. 2013) and deemed non-combustible.

Testing Officer: Heherson Alarde Date of Test: 25 July 2013

Issued on the 18th day of September 2013 without alterations or additions.



Brett Roddy
Team Leader, Fire Testing



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