

Certificate of Test

QUOTE No.: NC5805

REPORT No.: FNC9205

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COMBUSTIBILITY TEST FOR MATERIALS

TRADE NAME: Speedpanel
SPONSOR: Speedpanel (Vic.) Pty. Ltd.
89-91 Canterbury Road
KILSYTH VIC
AUSTRALIA

DESCRIPTION OF The sponsor described the tested specimen as cladded lightweight concrete
Comprising 11 layers:

Layer 1 - paint - various colours, nominal thickness 20 µm
Layer 2 - primer - grey, nominal thickness 5 µm
Layer 3 - steel - grey, nominal thicknesses 0.4mm
Layer 4 - primer - grey, nominal thickness 5 µm
Layer 5 - paint - grey, nominal thickness 10 µm
Layer 6 - lightweight concrete, grey, nominal thickness 77.2mm
Layer 7 - paint - grey, nominal thickness 10 µm
Layer 8 - primer - grey, nominal thickness 5 µm
Layer 9 - steel - grey, nominal thickness 0.4mm
Layer 10 - primer - grey, nominal thickness 5 µm
Layer 11 - paint - various colours, nominal thickness 20 µm

Nominal thickness: 78 mm
Nominal mass: 40 kg/m²
Colours: various painted steel; grey concrete

TEST PROCEDURE: Five (5) samples were tested in accordance with Australian Standard 1530 Methods for
fire tests on building materials, components and structures, Part 1- 1994: Combustibility
Test for Materials. For the test one steel face was removed and the samples were
tested at 50mm thickness

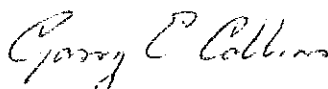
RESULTS: Mean furnace thermocouple temperature rise 3.4°C
Mean specimen centre thermocouple temperature rise 1.1°C
Mean specimen surface thermocouple temperature rise 2.0°C
Mean duration of sustained flaming 0 seconds
Mean mass loss 24.6%

DESIGNATION: NON-COMBUSTIBLE

DATE OF TEST: 10 September 2008

Issued on the 3rd day of November 2008.


R Collins
Testing Officer


Garry E Collins
Manager, Fire Testing and Assessments

This Certificate of Test supersedes Certificate of Test No.FNC9205 issued on the 16th day of September 2008.



This document is issued in accordance with NATA's accreditation requirements.



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