



No. 1160231.5

(Please quote this number in all correspondence)

CLIENT: At Work
PO Box 37 378
Parnell, Auckland
Attn.:
Client Order No.:

SAMPLE RECEIVED FROM: At Work
SAMPLE DESCRIPTION: Woven fabric – Rivet, 100% Polyester, 280gsm.
End use – panel & upholstery
Client Reference:

Date: 17.11.16
1 of 2

**AS/NZS 1530.3 – 1999 Methods for Fire Tests on Building Materials, Components and Structures
Part 3: Simultaneous Determination of Ignitability, Flame Propagation,
Heat Release and Smoke Release**

Face Tested: Face

	Standard Error	Mean
Ignition Time	0.24	10.47 min.
Flame Propagation Time	Nil	Nil sec.
Heat Release Integral	3.4	42.1 kJ/m ²
Smoke Release, log d	0.0303	-0.8575
Optical Density, d		0.1405/metre

Number of Specimens Ignited 6
Number of Specimens Tested 6

Regulatory Indices:

Ignitability Index	10	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	1	Range 0-10
Smoke Developed Index	5	Range 0-10

This test was carried out by a sub-contracted laboratory.

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Except where the sample is drawn independently by NZWTA Ltd. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested sample. The above test results are not certified due to the adoption of modified and/or non-standard procedures designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. Except where precluded by law, no responsibility can be accepted by NZWTA Ltd for any claim which may arise from any person acting on information contained herein.

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16/12/2016

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The reaction of thin unsupported flexible materials to flame impingement can be assessed in accordance with AS 1530.2. Where materials of thickness less than 2mm that are sufficiently flexible to be bent by hand around a mandrel of 2mm diameter or less are subjected to the test described herein, they should also be subjected to the test in AS 1530.2.

Specimens tended to flash before ignition. Ignition was based on the occurrence of a single flash of flame which lasted longer than 10 seconds.

The specimens melted away from the area of maximum heat and produced flaming droplets during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

To allow free movement of the sample during testing all corners were folded away from the clamps.


Each test specimen was restrained on the exposed face by a layer of galvanised welded square mesh made from wire of nominal diameter 0.8mm and nominal spacing 12mm in both directions and securely fixed to a backing board at four points each 100mm from the centre of the sample and the assembly clamped in four places.

These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

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