



No. 1272397.9

(Please quote this number in all correspondence)

CLIENT:
At Work
PO Box 37 378
Parnell, Auckland

SAMPLE RECEIVED FROM:
At Work

Date Received: 19.3.19

SAMPLE DESCRIPTION:
Fabric Name – Zap
Nominal Composition – 83% Virgin Wool 17% Polyamide
Nominal Weight – 470g per lineal metre
End Use – Upholstery & Screen Use
Colour – Green

Client Order No.:

Client Reference:

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**

Note: This test was sub-contracted (test no. 19-001537).

Face Tested: Face

	Standard Error	Mean
Ignition Time	1.90	7.0 min.
Flame Propagation Time	Nil	Nil sec.
Heat Release Integral	2.1	13.1 kJ/m ²
Smoke Release, log d	0.0794	-1.3788
Optical Density, d		0.0696 / metre

Number of Specimens Ignited	6
Number of Specimens Which Did Not Ignite	3
Number of Specimens Tested	9

For specimens which ignited:	
Smoke Release (log d - Mean)	-1.3788
Smoke Release (log d - Standard Error)	0.0794

For specimens which did not ignite:	
Smoke Release (log d - Mean)	-1.1580
Smoke Release (log d - Standard Error)	0.0135

Regulatory Indices:

Ignitability Index	13	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	4	Range 0-10

"THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED"

Samples and their identifying descriptions have been provided by the client unless otherwise stated. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested samples. The above results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. This document shall not be reproduced except in full.

L A Greer
Signatory


C Judan
Signatory

04/04/2019

New Zealand Wool Testing Authority Ltd

Cnr Bridge & Lever Streets, PO Box 12065

Ahuriri, Napier 4144, New Zealand

T +64 6 835 1086, F +64 6 835 6473 Email: testing@nzwta.co.nz



No. 1272397.9

(Please quote this number in all correspondence)

CLIENT:
At Work
PO Box 37 378
Parnell, Auckland

SAMPLE RECEIVED FROM:
At Work

Date Received: 19.3.19

SAMPLE DESCRIPTION:

Fabric Name – Zap
Nominal Composition – 83% Virgin Wool 17% Polyamide
Nominal Weight – 470g per lineal metre
End Use – Upholstery & Screen Use
Colour – Green

Client Order No.:

Client Reference:

2 of 2

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.

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.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

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


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.

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

“THIS REPORT APPLIES ONLY TO THE SAMPLES TESTED”

Samples and their identifying descriptions have been provided by the client unless otherwise stated. NZWTA Ltd makes no warranty, implied or otherwise as to the source of the tested samples. The above results are designed to provide THE CLIENT WITH GUIDANCE INFORMATION ONLY. This document shall not be reproduced except in full.

L A Greer
Signatory


C Judan
Signatory

04/04/2019

New Zealand Wool Testing Authority Ltd

Cnr Bridge & Lever Streets, PO Box 12065

Ahuriri, Napier 4144, New Zealand

T +64 6 835 1086, F +64 6 835 6473 Email: testing@nzwta.co.nz