

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
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Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : WOVEN IMAGE PTY LTD
37-39 CHARD ROAD
BROOKVALE NSW 2100

TEST NUMBER : 7-595670-CN
ISSUE DATE : 23/01/2014
PRINT DATE : 23/01/2014

SAMPLE DESCRIPTION Clients Ref: "EchoPanel 24mm"
Grey Panel
Nom Com: 100% PET (60% Recycled)
Nom Mass: 3000g/m2
Primary Use: Screen Panel

ISO 5660.1-2002 Reaction to Fire Tests - Heat Release Smoke Production
and Mass Loss Rate
Part 1: Heat Release Rate (Cone Calorimeter Method)

RESULTS:-

	1	Specimen 2	3	Mean	
Average Heat Release Rate at 50kW/m2	32.2	29.7	31.2	31.0	kW/m2

Group Number Classification (In Accordance with New Zealand Building Code
Verification Method C/VM2 Appendix A)

	3	3	3	
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Average Specific Extinction Area (According to ISO 5660.2-2002)	406.8	393.4	373.3	391.2	m2/kg
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Test orientation: Horizontal

	1	Specimen 2	3	Mean	
Irradiance	50	50	50	50	kW/m2
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	60	60	57	59	s
Test duration	1860	1860	1857	1859	s

Heat release rate curve on the 9 attached sheets which form part of this
report

Peak heat release after ignition	692.3	663.2	733.3	696.3	kW/m2
Average heat at 60s	391.6	398.9	406.0	398.8	kW/m2
Release rate at 180s	237.7	232.5	242.4	237.5	kW/m2
After ignition at 300s	156.7	150.5	158.7	155.3	kW/m2
Total heat released	58.0	53.5	56.3	55.9	MJ/m2
Average effective heat of combustion	17.6	16.8	17.3	17.3	MJ/kg

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Samples, and their identifying descriptions have been provided by the client unless otherwise stated.
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results relate only to the sample or samples tested. The above test results are designed to provide THE
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content and format of the advertisement have been approved in advance by the Managing Director of
AWTA Ltd.



APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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Initial thickness	24.0	24.0	24.0	24.0	mm
Initial mass	29.2	29.4	29.2	29.3	g
Mass remaining	0.0	1.1	0.1	0.4	g
Mass percentage pyrolysed	100.0	96.3	99.7	98.6	%
Mass loss	29.2	28.3	29.1	28.9	g
Average rate of mass loss	1.8	1.8	1.8	1.8	g/m2.s

Note: All calculations are based on Ignition + 30 Minutes

Observations:

"These test results relate only to the behaviour of the product under the conditions of the test, they are not intended to be the sole criterion for the assessment of performance under real fire conditions"

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(END OF REPORT)

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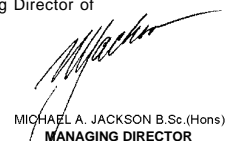
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