

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd – trading as AWTA Product Testing
A.B.N. 43 006 014 106
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O. Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

CLIENT : HALIFAX VOGEL GROUP PTY LTD
29 HENDERSON STREET
TURRELLA NSW 2205

TEST NUMBER : 7-566523-CN
ISSUE DATE : 20/05/2009
PRINT DATE : 21/05/2009
ORDER NUMBER : 24115

REPLACEMENT OF REPORT NO 7-566405-CN DATED 18/05/2009

SAMPLE DESCRIPTION Clients Ref: "Everest AR +"
Creastyle high pressure laminate
Weight: 1 kg/m²
Composition: Kraft and decorative paper
High pressure laminate with melamine and phenolic resins

AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates
for Materials and Products Using an Oxygen
Consumption Calorimeter

Results:-

	Specimen			
	1	2	3	Mean
Average Heat Release Rate	64.6	61.9	64.2	63.5 kW/m ²

Average Specific extinction area	105.0	79.1	93.6	92.6 m ² /kg
(according to Specification C1.10 of the Building Code of Australia)				

BCA Classification:-

Group Classification	2	1	2
(according to Specification A2.4 of the Building Code of Australia)			

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


This Laboratory is accredited by the National Association of Testing Authorities, Australia, for:
- Chemical Testing of Textiles & Related Products : Accreditation No. 983
- Mechanical Testing of Textiles & Related Products : Accreditation No. 985
- Heat & Temperature Measurement : Accreditation No. 1356

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0204/11/06


APPROVED SIGNATORY


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

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Test orientation: Horizontal

	Specimen				
	1	2	3	Mean	
Irradiance	50	50	50	50	kW/m ²
Exhaust flow rate	24	24	24	24	l/s
Time to sustained flaming	19	18	19	19	s
Test duration	220	214	206	213	s

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

Peak heat release after ignition	199.5	204.0	212.7	205.4	kW/m ²
Average heat at 60s	127.7	116.3	126.1	123.4	kW/m ²
Release rate at 180s	68.5	65.0	65.4	66.3	kW/m ²
After ignition at 300s	n/a	n/a	n/a	n/a	kW/m ²
Total heat released	12.9	12.2	12.0	12.4	MJ/m ²
Average effective heat of combustion	15.8	14.5	15.1	15.1	MJ/kg

Initial thickness	0.7	0.7	0.7	0.7	mm
Initial mass	10.0	9.9	9.9	9.9	g
Mass remaining	2.9	2.9	3.0	2.9	g
Mass percentage pyrolysed	71.0	70.7	69.7	70.5	%
Mass loss	7.1	7.0	6.9	7.0	g
Average rate of mass loss	4.1	4.3	4.2	4.2	g/m ² .s

Tests were conducted with a wire grid placed over the sample during testing
This was done to contain intumescent sample with the sample holder

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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