

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 : 7-589176-CN ISSUE DATE : 06/02/2013 PRINT DATE : 06/02/2013

SAMPLE DESCRIPTION Clients Ref: "Designer White 354 K-01"

Nom: Designer White 354K-01 Gloss Finish 983 g/m2 Comp: High Pressure Laminate with Paper Layers

End Use: Benchtops and Wall linings

AS/NZS 3837:1998 Method of Test for Heat and Smoke Release Rates

for Materials and Products Using an Oxygen

Consumption Calorimeter

Results:-

	Specimen					
15 21 61 25 F F F F B B B B B B B B B B B B B B B	111111	2	3	Mean		
Average Heat Release	44.000.000	4 F LA 1 1	2737374761	2227	11111	
Rate	39.7	40.3	38.3	39.4	kW/m2	
7 G	31573912	12111				
Average Specific	建工程的现在分词	22.23.84	(3) 医水果溶液水果溶 海自	THE REAL PROPERTY.	2 B B 37 K 4	
extinction area	11.9	2.3	7.2	7.1	m2/kg	
(according to Specificat	cion C1.10	of the B	uilding Code o	f Austral:	ia)	
OF \$200 E STATES PART \$44.5	A CO LICE	STATES	WEST STREET	Cartta	FAFE	

Test orientation:	Horizontal	10000		1737553	152513
Specimen					FILTIS
	1	2	3	Mean	174752
Irradiance	50	50	50	50	kW/m2
Exhaust flow rate	24	24	24	24	1/s
Time to sustained flam	ing 33	44	51	43	S
Test duration	219	216	225	220	s
Heat release rate curv report Peak heat release	e on the 9	attached	sheets which	form part	of this
after ignition	117.2	133.9	128.1	126.4	kW/m2
Average heat at 60s	84.7	87.7	82.1	84.8	kW/m2
Release rate at 180s	40.6	40.3	38.3	39.7	kW/m2
After ignition at 300s	N/A	N/A	N/A	N/A	kW/m2
Total heat released Average effective heat	7.5	7.0	6.8	7.1	MJ/m2
of combustion	6.9	7.3	6.9	7.0	MJ/kg

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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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APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)

LIMITEE

AWTA Product Testing

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TURRELLA NSW 2205

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Initial thickness	7.0	7.0	7.0	7.0	mm
Initial mass	95.3	91.1	92.3	92.9	g
Mass remaining	86.0	81.7	82.8	83.5	g
Mass percentage	65-65-55		102545454	FIRSTARA	F
pyrolysed	9.8	10.3	10.3	10.1	8
Mass loss	9.3	9.4	9.5	9.4	g
Average rate of mass	******	17562490	111111111	\$\$\$1255EE	1201311
loss	5.6	5.5	5.6	5.6	g/m2.s

The formulae given in the Building Code of Austalia have been shown to give inaccuracies in determination of Group Number for certain materials. Due to this AWTA Product Testing no longer reports Group Numbers. The formulae for calculation of Group Number is available from the website of the Australian Building Codes Board. Group Number calculation based on the results described in this report can be undertaken at the clients discretion

Samples were adhered to a substrate of 6mm thick cement sheet using Spray-Lock 1500 Wall Panel adhesive prior to testing.

Tests were conducted with a wire grid placed over the sample during testing. This was done to contain intumescing sample within 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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