

Att MrAndrew Nicholas m/s P.R.Floors Pty Ltd, PO BOX 6013 YATALA QUEENSLAND 4207

TEST REPORT No. 104333

LABORATORY REF: P104333

CUSTOMER REFERENCE

CLOUD 9

Sample description as provided by customer

Mass/unit area / oz/yd² 800 g/m² Pile Fibre Content 100% POLYPROPYLENE Construction Details NON WOVEN Secondary Backing WATER RESISTANT RESIN Style Multi Level Order No. 9037

Colour *I* Pile Height **7** mm

TEST METHOD AS/ISO 9239.1 2003 Reaction To Fire Tests For Floorings Part 1 Determination of the Burning Behaviour Using a Radiant Heat Source. As required by specification C1.10a of the Building Code of Australia.

Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.

The test values relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date October 2010

Test Date 5/11/2010

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using ROBERTS 95 adhesive.

Substrate : Non-combustible

Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

Sample Cleaned as Specified in ISO 11379.1997. The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Specimen 1 Width Direction Full tests carried out in the Critical Radiant Flux 3.2 kW/m² Critical Radiant Flux 3.3 kW/m² Length Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean		
Critical Radiant Flux (kW/m ²)	3.2	3.2	3.0	3.1		
Smoke Development Rate (%.min)	91	89	95	92		

The values quoted below are as required by Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia. The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

MEAN CRITICAL RADIANT FLUX 3.1 kW/m²

MEAN SMOKE DEVELOPMENT RATE 92 percent-minutes

OBSERVATIONS The samples shrunk away from the heat source ,ignited ,then burnt.



CCREDITED FOR

TECHNICAL

COMPETENCE

M. B. Webb Technical Manager

DATE: 5/11/2010



Measurement Science & Technology No. 15393 This document is issued in accordance with NATA's accreditation requirements.

APL Australia Pty Ltd 5 Carinish Rd, Oakleigh South Victoria 3167 Australia Telephone: 03 9543 1618 Facsimile: 03 9562 1818 Mobile: 0411 039 088 PAGE 1 of 2

This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

The values on Page 2 have no relevance to the Code.

1004 04 09

Email: apl@aplaustralia.com.au Web: www.aplaustralia.com.au ABN 69 468 849 319

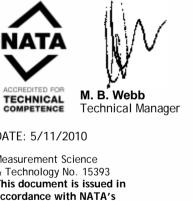


TEST REPORT No. 104333 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE PAGE 2 of 2 REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA LABORATORY REF: P104333

TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	168	169	193	354	555	948	1217	1603	1943	2112	2378	/						
2	162	164	217	324	447	549	771	1163	1323	1491	2399	/						
3	146	147	164	228	298	553	651	798	1000	1497	1678	1						

TESTS	SMOKE PRODUCT	ION		BURNING CHARA				
Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)		Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	NATA		
Initial Test: Width	14		46	530	2,178			
Specimen Tests: Length						ACCREDITED FOR TECHNICAL COMPETENCE M. B. Webb Technical M		
1	15		91	540	4,229	DATE: 5/11/2010		
2	19	89		540	3,552	Measurement Science		
3	13		95	550	2,029	& Technology No. 15393 This document is issued in		
Mean	16		92	543	3,270	accordance with NATA's accreditation requirements.		



The laboratory does not allow the use of this page of the report without the use of page 1.

This page alone has no validity under specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia. 2004 04 09 27664 7 November 2010

APL Australia Pty Ltd 5 Carinish Rd, Oakleigh South Victoria 3167 Australia

Telephone: 03 9543 1618 Facsimile: 03 9562 1818 Mobile: 0411 039 088

Email: apl@aplaustralia.com.au Web: www.aplaustralia.com.au ABN 69 468 849 319