

Style CUT PILE

Sue Schultz m/s Beaulieu of Australia 64 Lahrs Rd, Ormeau Q/Id 4208

#### **TEST REPORT No. 115083**

LABORATORY REF: P115083

CUSTOMER REFERENCE

## **ROYAL PLUSH 50oz**

Sample description as provided by customer Mass/unit area 50 oz/yd<sup>2</sup> 0 g/m<sup>2</sup> Pile Fib

Construction Details Tufted Secondary Backing Synthetic

 mer
 Order No. 18034

 Pile Fibre Content 100% RESISTAIN SOLUTION DYED NYLON

 Backing Synthetic
 Colour Liquid Silver

 Pile Height / 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 14/6/2011

Test Date 6/7/2011

### ASSEMBLY SYSTEM: OVER UNDERLAY (Details Below).

The UNDERLAY used was AIRSTEP GOLD.

#### 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 4.1 kW/m<sup>2</sup> Critical Radiant Flux 4.0 kW/m<sup>2</sup> Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	4.0	3.5	4.0	3.8
Smoke Development Rate (%.min)	362	339	359	353

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 3.8 kW/m<sup>2</sup>

### MEAN SMOKE DEVELOPMENT RATE 353 percent-minutes

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



TECHNICAL

COMPETENCE

M. B. Webb Technical Manager

DATE: 6/7/2011



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

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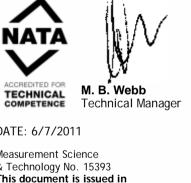


TEST REPORT No. 115083 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE PAGE 2 of 2 REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA LABORATORY REF: P115083

#### 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	216	217	286	336	381	421	477	527	633	1047	/							
2	228	229	276	335	373	420	459	512	602	1115	/							
3	223	225	283	338	401	429	462	518	609	1110								

TESTS	SMOKE PRODUCTI	ON	<b>BURNING CHARA</b>				
Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	NATA		
Initial Test: Length	68	369	9 455	1,259			
Specimen Tests: Width					ACCREDITED FOR TECHNICAL COMPETENCE M. B. Webb Technical M		
1	61	362	2 460	1,131	DATE: 6/7/2011		
2	61	339	<b>9</b> 500	1,862	Measurement Science		
3	59	359	9 461	1,924	& Technology No. 15393 This document is issued in		
Mean	60	35	1 474	1,639	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 8646 6 July 2011

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