

Sue Schultz m/s Beaulieu of Australia 64 Lahrs Rd, Ormeau Q/ld 4208 **TEST REPORT No. 115092**

LABORATORY REF: P115092

CUSTOMER REFERENCE

ROYAL PLUSH 30oz

Sample description as provided by customer

Order No. 18034

Mass/unit area **30** oz/yd² / g/m²

Pile Fibre Content 100% RESISTAIN SOLUTION DYED NYLON

Construction Details **Tufted** Secondary Backing **Synthetic**

Colour Pewter Illusion

Style **CUT PILE**

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 16/6/2011

Test Date 18/7/2011

ASSEMBLY SYSTEM: OVER UNDERLAY (Details Below).

The UNDERLAY used was DUNLOP EXCELLAY.

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 Critical Radiant Flux 2.4 kW/m²
Critical Radiant Flux 2.6 kW/m²

Full tests carried out in the

Length Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m²)	2.4	2.4	2.5	2.4
Smoke Development Rate (%.min)	371	307	390	356

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 2.4 kW/m² MEAN SMOKE DEVELOPMENT RATE 356 percent-minutes

OBSERVATIONS The samples shrunk a short distance ignited then burnt.



M. B. Webb Technical Manager

DATE: 18/7/2011

Measurement Science & Technology No. 15393

This document is issued in accordance with NATA's accreditation requirements.

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.

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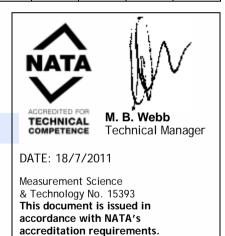
TEST REPORT No. 115092 LABORATORY REF: P115092 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA

PAGE 2 of 2

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	203	204	232	272	324	352	421	479	538	653	775	1290	1					
2	175	176	208	256	272	301	332	389	452	550	810	1428	2171	1				
3	186	187	227	290	321	364	453	524	622	689	1045	1328						

TESTS	SMOKE PRODUCT	TON	BURNING CHARACTERISTICS					
Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)		Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)			
Initial Test: Width	63		350	580	1,834			
Specimen Tests: Length								
1	65		371	600	1,574			
2	68		307	610	2,435			
3	58		390	590	1,636			
Mean	64		356	600	1,882			



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.

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