

Att Mr Jack Malka Director
m/s RUGS CARPET & DESIGN,
620 Church St, Richmond VIC 3121

TEST REPORT No. 103845C

LABORATORY REF: P103825C

CUSTOMER REFERENCE

EPOCA PRO

Sample description as provided by customer

Mass/unit area / oz/yd² **700 g/m²** Pile Fibre Content **100% NYLON**

Construction Details **Woven** Secondary Backing **Synthetic**

Style **LOOP**

Order No. **JM**

Colour **Brown**

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 **Feb 2010**

Test Date **25/2/2010**

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 Critical Radiant Flux **4.9 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **4.8 kW/m²**
Full tests carried out in the Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	4.8	4.4	4.8	4.7
Smoke Development Rate (%.min)	447	444	409	433

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 **4.7 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **433 %.min**

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



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

M. B. Webb
Technical Manager

DATE: 25/2/2010

Measurement Science &
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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

TEST REPORT No. 103845
LABORATORY REF: P103825A

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

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	157	159	239	284	367	447	583	920	1253	/									
2	198	200	264	283	395	518	639	1080	1961	/									
3	163	165	241	296	379	438	593	932	1874										

TESTS	Specimen	SMOKE PRODUCTION		BURNING CHARACTERISTICS		
		Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Critical Heat Flux at 30min (KW/m ²)*
Initial Test: Length		61	418	410	2,074	5.2*
Specimen Tests: Width						
1		52	447	420	1,479	(n/a)*
2		58	444	450	2,470	5.2*
3		55	409	420	2,094	5.1*
Mean		55	433	430	2,014	5.2*

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.

* Critical Heat Flux at 30min has no relevance under the Building Code of Australia which demands Heat Flux measurement at Flame Out/Extinguishment (BCA General Provisions A1.1).
2004 04 09 15028 2 March 2010



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