

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

TEST REPORT No. 103845B

LABORATORY REF: P103825B

CUSTOMER REFERENCE

## EPOCA GLOBE

Sample description as provided by customer

Mass/unit area / oz/yd<sup>2</sup> **700 g/m<sup>2</sup>** 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/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **4.8 kW/m<sup>2</sup>**  
Full tests carried out in the Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	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/m<sup>2</sup>

## 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 &  
Technology No. 15393  
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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.

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**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 <sup>2</sup> )*
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*

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*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