m/s MJS Floorcoverings Attn: Mr Kerry Krebs
PO BOX 2393 Mansfield QLD 4122

TEST REPORT No. 137349

LABORATORY REF: P137349

CUSTOMER REFERENCE

MJS P7140 7mm 140 DENSITY NORTHSTATE RECOIL 26 oz/yd²

Sample description as provided by customer
Order No. **KKrebs**
Mass/unit area **26** oz/yd²
Pile Fibre Content **100% SOLUTION DYED NYLON**
Construction Details **Tufted** Secondary Backing **Synthetic**
Colour **Brown/Gold**
Style **Loop 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.

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. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001
Sample submitted Date **May 2013** Test Date **29 May 2013**

ASSEMBLY SYSTEM: OVER UNDERLAY MJS P7140 7mm 140 Density.

The UNDERLAY used was MJS P7140 7mm 140 Density.

Substrate: Non-Combustible
Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.
The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux **1.6** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **1.4** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	1.4	1.7	1.4	1.5
Smoke Development Rate (%.min)	353	301	329	323

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 1.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 323 percent-minutes

OBSERVATIONS: **The samples shrunk away from the heat source, ignited and burnt.**

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 29 May 2013

Measurement Science & Technology No. 15393
Accredited for compliance with ISO/IEC 17025.

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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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	154	156	196	225	263	281	294	316	348	441	482	707	1051	1481	1987	2295	/	
2	174	176	201	234	267	280	297	314	331	354	423	639	1140	1292	2196	/		
3	183	186	203	249	255	288	306	328	365	408	479	736	1096	1503	1885			

TESTS

Specimen	BURNING CHARACTERISTICS: Burn Length (mm) at Flame Out/ Extinguishment	BURNING CHARACTERISTICS: Time To Burn Out (s)	SMOKE PRODUCTION: Maximum Light Attenuation (%)	SMOKE PRODUCTION: Smoke Development Rate (%.min)
Initial Test: **Length**	**730**	**2,186**	**78**	**342**
Specimen Tests: **Width**				
1	760	2,297	80	353
2	710	2,296	80	301
3	758	2,310	79	329
Mean	743	2,301	80	323

NATA
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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.
2004 04 09 17509 29 May 2013

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