m/s MJS FLOORCOVERINGS Attn Mr Kerry Krebs
PO BOX 2393 MANSFIELD QLD 4122

TEST REPORT No. 137350

LABORATORY REF: P137350

CUSTOMER REFERENCE

MJS CL5160 5mm 160 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: DOUBLE BOND (DOUBLE STICK) MJS CL5160 5mm/Maxbond ENVIRO 2010 .

The underlay used was MJS CL5160 5mm it was adhered to the substrate using Maxbond ENVIRO 2010 adhesive.
The floor covering was adhered to the underlay using Maxbond ENVIRO 2010 adhesive.

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 **1.5** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	1.5	1.5	1.6	1.5
Smoke Development Rate (%min)	304	295	282	294

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 294 percent-minutes

OBSERVATIONS: **The Samples shrunk away from the heatsource,ignited or 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.

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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	150	152	212	250	269	284	310	343	399	504	936	1664	2013	2394	2975	/		
2	157	159	211	254	266	287	304	335	359	515	953	1312	1762	2384	3180	/		
3	190	191	203	231	250	262	295	342	379	530	866	1272	1960	2405	2819	/		

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**	**731**	**3,284**	**80**	**296**
Specimen Tests: **Width**				
1	740	3,573	78	304
2	740	3,925	81	295
3	730	2,900	79	282
Mean	737	3,466	79	294

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 37488 29 May 2013

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