m/s Beaulieu of Australia
64 Lahrs Rd,Ormeau Q/Ld 4208
Attn: MS Sue Schultz

TEST REPORT No. 169940

LABORATORY REF: P169940

CUSTOMER REFERENCE

EL CAMINO

Sample description as provided by customer Order No. **PO 26331**
Mass/unit area **40** oz/yd² Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**
Construction Details **Tufted** Secondary Backing **Synthetic** Colour **Beige**
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 C1.10 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 2016 Test Date **01 Jun 2016**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP BLACK LABEL 160 Foam.

The UNDERLAY used was AIRSTEP BLACK LABEL 160 Foam.

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 **2.4** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **2.3** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	2.3	2.2	2.4	2.3
Smoke Development Rate (%.min)	317	476	341	378

The values quoted below are as required by Specification C1.10 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 2.3 kW/m²

MEAN SMOKE DEVELOPMENT RATE 378 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: 01 Jun 2016

Performance & Approvals
Testing No. 15393
Accredited for compliance with ISO/IEC 17025.

PAGE 1 of 2

Clause 9 of AS/ISO 9239 Part 1

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	213	214	259	268	281	351	383	441	483	598	737	1828	/					
2	204	206	261	280	329	386	445	539	584	649	820	1504	1803	/				
3	198	200	248	277	352	401	461	549	628	851	1129	1448						

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**	**605**	**1,925**	**60**	**299**
Specimen Tests: **Width**				
1	610	2,290	60	317
2	620	2,155	67	476
3	605	1,842	61	341
Mean	612	2,096	63	378

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 01 Jun 2016

Performance and Approvals
Testing No. 15393
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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 Clause 9 of AS/ISO 9239 Part 1
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