

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

TEST REPORT No. 137745A

LABORATORY REF: P137745A

CUSTOMER REFERENCE  
**EL CAMINO**

**Sample description as provided by customer**

Mass/unit area **40 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Cut Pile**

Order No. **PO 21941**

Pile Fibre Content **100% SOLUTION DYED NYLON**

Colour **Shell**

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 **Oct 2013**

Test Date **16 Nov 2013**

**ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) AIRSTEP SENSI SLAB  
ROBERTS 95.**

The underlay used was **AIRSTEP SENSI SLAB** it was adhered to the substrate using **ROBERTS 656** adhesive. The floor covering was adhered to the underlay using **ROBERTS 95** 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 **3.5 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.7 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> )	<b>2.7</b>	<b>2.8</b>	<b>2.6</b>	<b>2.7</b>
Smoke Development Rate (%.min)	<b>605</b>	<b>549</b>	<b>647</b>	<b>600</b>

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 2.7 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 600 percent-minutes**

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



**M. B. Webb**  
Technical Manager  
DATE: 16 Nov 2013  
Performance & Approvals  
Testing No. 15393  
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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	264	265	342	395	415	438	519	566	661	862	1191	2055	/					
2	263	264	285	355	382	468	528	581	702	1397	1733	/						
3	208	209	321	381	457	529	600	632	793	841	960	1095	/					

**TESTS**

**BURNING CHARACTERISTICS**

**SMOKE PRODUCTION**

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)
Initial Test: <b>Length</b>	490	1,417	70	515
Specimen Tests: <b>Width</b>				
1	560	2,160	67	605
2	545	1,952	71	549
3	570	1,940	72	647
<b>Mean</b>	<b>558</b>	<b>2,017</b>	<b>70</b>	<b>600</b>



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**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

DATE: 16 Nov 2013

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 Testing No. 15393  
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 with ISO/IEC 17025.**

*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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