

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

TEST REPORT No. 148146

LABORATORY REF: P148146

CUSTOMER REFERENCE  
**CLUB ASCOT**

**Sample description as provided by customer**

Mass/unit area **30 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Cut Pile Graphic**

Order No. **22731**

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

Colour **Brown/Tan**

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 2014**

Test Date **18/4/2014**

**ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP EXCELLAY**

The UNDERLAY used was **DUNLOP EXCELLAY**.

**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 **2.0 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **1.9 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>1.9</b>	<b>1.8</b>	<b>1.9</b>	<b>1.9</b>
Smoke Development Rate (%.min)	<b>281</b>	<b>275</b>	<b>263</b>	<b>273</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 1.9 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 273 percent-minutes**

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



**M. B. Webb**  
Technical Manager

DATE: 18/4/2014

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	132	133	145	173	229	283	312	369	446	601	772	852	1043	1248				
2	128	129	142	169	228	261	305	348	438	585	683	801	946	1103				
3	137	139	151	174	213	251	296	352	439	579	648	795	881	1167				

**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>	660	1,259	83	271
Specimen Tests: <b>Width</b>				
1	673	1,329	82	281
2	691	1,285	81	275
3	695	1,309	84	263
<b>Mean</b>	<b>686</b>	<b>1,308</b>	<b>82</b>	<b>273</b>



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**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

DATE: 18/4/2014

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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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