

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

TEST REPORT No. 148147

LABORATORY REF: P148147

CUSTOMER REFERENCE

## BARITONE

**Sample description as provided by customer**

Mass/unit area **28 oz/yd<sup>2</sup>**

Construction Details **Tufted** Secondary Backing **Synthetic**

Style **Level Loop Graphic**

Order No. **22731**

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

Colour **Brown/Bronze**

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 **17 May 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 **1.9 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 **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>1.9</b>	<b>1.8</b>	<b>1.8</b>	<b>1.8</b>
Smoke Development Rate (%.min)	<b>303</b>	<b>272</b>	<b>283</b>	<b>286</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 1.8 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 286 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 17/4/2014

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	127	128	140	167	181	193	216	245	278	327	365	600	714	1090				
2	150	152	179	218	227	235	245	258	271	536	544	678	1145	1289				
3	155	157	175	209	237	256	301	369	428	615	683	852	950	1192				

**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>Width</b>	676	1,309	86	309
Specimen Tests: <b>Length</b>				
1	675	1,241	84	303
2	691	1,401	77	272
3	693	1,512	81	283
<b>Mean</b>	686	1,384	81	286



ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

DATE: 17 May 2014

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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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