

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

TEST REPORT No. 148475

LABORATORY REF: P148475

CUSTOMER REFERENCE

TUSCAN SUN

Sample description as provided by customer

Mass/unit area **30 oz/yd²**

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

Style **Cut Pile**

Order No. **23533**

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

Colour **Fawn**

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 2014**

Test Date **25 Oct 2014**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP GOLD RUBBER.

The UNDERLAY used was **AIRSTEP GOLD RUBBER**.

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 **2.2 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.2 kW/m²**
Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	2.2	2.3	2.2	2.2
Smoke Development Rate (%.min)	301	315	353	323

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 2.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 323 percent-minutes

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



M. B. Webb
Technical Manager

DATE: 25/10/2014

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	170	171	213	246	268	277	318	373	555	787	974	1441	1703				/	
2	222	224	234	246	253	263	274	355	412	687	1001	1439	1783				/	
3	191	192	250	260	267	276	328	395	492	659	951	1247	1493				/	

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: Width	628	2,009	74	298
Specimen Tests: Length				
1	630	1,964	77	301
2	615	1,741	78	315
3	630	1,873	69	353
Mean	625	1,859	75	323



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

M. B. Webb
Technical Manager

DATE: 25 Oct 2014

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Testing No. 15393
**Accredited for compliance
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

2004 04 09 46395 25 October 2014