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

TEST REPORT No. 148088

LABORATORY REF: P148088

CUSTOMER REFERENCE

CLUB ASCOT

Sample description as provided by customer Order No. **22731**
Mass/unit area **30** oz/yd² Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**
Construction Details **Tufted** Secondary Backing **Synthetic** Colour **Brown/Tan**
Style **Cut Pile Graphic** 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 **12 May 2014**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEPSMART .

The UNDERLAY used was AIRSTEP STEPSMART.

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 **1.7** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **1.6** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	1.6	1.5	1.7	1.6
Smoke Development Rate (%.min)	400	306	374	360

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 1.6 kW/m²

MEAN SMOKE DEVELOPMENT RATE 360 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: 8/5/2014

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	176	177	190	228	253	293	304	337	375	395	530	580	876	1190	1476	/		
2	125	127	129	133	154	184	200	235	249	303	337	427	638	959	1210	/		
3	129	131	139	225	261	288	359	452	609	713	828	919	1174	1393	1589			

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: **Length**	**708**	**1,688**	**81**	**325**
Specimen Tests: **Width**				
1	720	1,701	79	400
2	740	1,594	87	306
3	712	1,639	82	374
Mean	724	1,645	83	360

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 12 May 2014

Performance and Approvals 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 12790 12 May 2014

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