m/s BELGOTEX AUSTRALIA
Unit 4 13-15 Fishermans Rd, KULUIN Queensland 4558
Attn Mr Paul Sommerville

TEST REPORT No. 147927

LABORATORY REF: P147927

CUSTOMER REFERENCE

TUFTWEAVE

Sample description as provided by customer
Mass/unit area **1200** g/m²
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Patterned Cut Pile**

Order No. **PS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Orange/Grey**
Pile Height **/** mm

TEST METHOD ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)

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 10 (o) of ISO 9239-1:2010.

Conditioning as specified in BS EN 13238.2001
Sample submitted Date **Mar 2014** Test Date **22 Mar 2014**

ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) DUNLOP DB5.

The underlay used was DUNLOP DB5 it was adhered to the substrate using DUNLOP PRIME & PEEL adhesive. The floor covering was adhered to the underlay using DUNLOP ULTRA BOND 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 **3.1** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **3.0** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	3.0	2.9	2.8	2.9

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

MEAN CRITICAL RADIANT FLUX 2.9 kW/m²

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

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 22 Mar 2014

Performance & Approvals
Testing No. 15393
Accredited for compliance with ISO/IEC 17025.

PAGE 1 of 2

Clause 10 (o) of ISO 9239-1:2010

The values on Page 2 have no relevance to the Code.

1004 04 09

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	219	220	248	293	364	407	453	473	505	611	1396	/						
2	250	251	283	327	363	401	448	560	681	783	957	0	/					
3	217	219	239	287	359	413	485	537	567	749	832	/						

TESTS **BURNING CHARACTERISTICS**

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)
Initial Test: **(none)**	**515**	**1,398**
Specimen Tests: **Width**		
1	525	1,505
2	540	1,419
3	550	1,232
Mean	538	1,385

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 22 Mar 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 10 (o) of ISO 9239-1:2010
2004 04 09 15397 22 March 2014

APL Australia Pty Ltd
5 Carinish Rd, Oakleigh South
Victoria 3167 Australia

Telephone: 03 9543 1618
Facsimile: 03 9562 1818
Mobile: 0411 039 088

Email: apl@aplaustralia.com.au
Web: www.aplaustralia.com.au
ABN 69 468 849 319