

m/s BELTEX AUSTRALIA
7/2 Focal St
Coolum Beach Q/Land 4573 Attn Mr Paul Sommerville

TEST REPORT No. 125835
LABORATORY REF: P125835

CUSTOMER REFERENCE
TUFTWEAVE 1200

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

Order No. **PS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Various**
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 C1.10a 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 **September 2012** Test Date **21 Sep 2012**

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



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.2	2.4	2.5	2.4
Smoke Development Rate (%.min)	466	476	442	461

The values quoted below are as required by Specification C1.10a 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 2.4 kW/m²

MEAN SMOKE DEVELOPMENT RATE 461 percent-minutes

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

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 21 Sep 2012	
	Measurement Science & Technology No. 15393 Accredited for compliance with ISO/IEC 17025.	

PAGE 1 of 2

This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.


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	154	156	193	219	246	267	291	312	347	380	439	579	873	/				
2	172	174	212	243	267	296	318	334	380	433	473	631	/					
3	166	168	217	256	280	306	328	354	374	425	482	703	/					

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: (none)					
Specimen Tests: Width					
1		630	1,413	89	466
2		600	1,118	92	476
3		590	1,139	90	442
Mean		607	1,223	90	461



NATA
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**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 21 Sep 2012

Measurement Science
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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 Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.
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