

CUSTOMER REFERENCE  
**LANEWAY FR**

**Sample description as provided by customer**

Mass/unit area **25 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Multi Level Loop**

Order No. **KG**  
Pile Fibre Content **100% SOLUTION DYED NYLON**  
Colour **Brown**  
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 **Jul 2015**

Test Date **05 Aug 2015**

**ASSEMBLY SYSTEM: OVER UNDERLAY** (Details Below).

The UNDERLAY used was **AIRSTEP STEPEZY**.

**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 **2.3 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.3 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>2.3</b>	<b>2.2</b>	<b>2.1</b>	<b>2.2</b>
Smoke Development Rate (%.min)	<b>243</b>	<b>170</b>	<b>175</b>	<b>196</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 2.2 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 196 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 05 Aug 2015

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	161	163	173	190	203	251	339	558	827	1131	1321	1693	2006			/		
2	202	204	221	264	308	394	505	555	715	997	1331	1752	2322	/				
3	150	151	180	275	294	324	358	386	448	533	787	1189	1885	/				

**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>	610	2,139	61	189
Specimen Tests: <b>Length</b>				
1	610	2,018	53	243
2	620	2,405	47	170
3	630	2,310	46	175
<b>Mean</b>	620	2,244	49	196



**NATA**  
ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

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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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