

CUSTOMER REFERENCE  
**CALLE**

Sample description as provided by customer  
Mass/unit area **28 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Multi Level Loop**

Order No. **PO 25168**  
Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**  
Colour **Grey Shades**  
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 **Sep 2015**

Test Date **05 OCT 2015**

**ASSEMBLY SYSTEM: DIRECT STICK** (Details Below).

The floor covering was directly stuck to the substrate using **ROBERTS 95** 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 **7.0 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **6.6 kW/m<sup>2</sup>**  
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>6.6</b>	<b>7.0</b>	<b>5.8</b>	<b>6.5</b>
Smoke Development Rate (%.min)	<b>15</b>	<b>32</b>	<b>14</b>	<b>20</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 6.5 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 20 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 05 OCT 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	237	239	388	852	1061	1316	1650											
	226	228	413	810	992	1287												
3	284	286	612	1048	1152	1314	1972	2572										

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>Length</b>		<b>300</b>	<b>1,930</b>	<b>6</b>	<b>21</b>
Specimen Tests: <b>Width</b>					
1		320	1,852	4	15
2		300	1,833	6	32
3		360	2,674	3	14
Mean		327	2,120	4	20



ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
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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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