

CUSTOMER REFERENCE

## BLOCKBUSTER PLUS

Sample description as provided by customer

Mass/unit area **22 oz/yd<sup>2</sup> / g/m<sup>2</sup>**

Pile Fibre Content **100% DYCLON SOLUTION DYED POLYPROPYLENE**

Construction Details **Tufted** Secondary Backing **Synthetic**

Order No. **16469**

Style **Multi Level Loop**

Colour **Executive**

Pile Height **3/5 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.**

Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.

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 in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **July 2010**

Test Date **10/8/2010**

## 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.**

Sample Cleaned as Specified in ISO 11379.1997. The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux **2.9 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.8 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>2.8</b>	<b>2.7</b>	<b>3.9</b>	<b>3.1</b>
Smoke Development Rate (%.min)	<b>115</b>	<b>98</b>	<b>64</b>	<b>92</b>

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 **3.1 kW/m<sup>2</sup>**

### MEAN SMOKE DEVELOPMENT RATE **92 percent-minutes**

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



**M. B. Webb**  
Technical Manager

DATE: 10/8/2010

Measurement Science &  
Technology No. 15393  
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NATA's accreditation requirements.**

**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	169	171	259	338	474	643	828	1368	1964	2089	2281	2606	/					
2	187	189	336	375	429	498	675	751	1919	2139	2861	3169	/					
3	179	180	336	429	635	914	1259	1920	2354	2859	/							

**TESTS**

**SMOKE PRODUCTION**

**BURNING CHARACTERISTICS**

Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)
Initial Test: <b>Length</b>	33	215	560	3,313
Specimen Tests: <b>Width</b>				
1	35	115	565	2,606
2	18	98	579	3,672
3	20	64	490	3,145
Mean	24	92	545	3,141



ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



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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 specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

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