

CUSTOMER REFERENCE  
**OREGON**

**Sample description as provided by customer**

Mass/unit area **22 oz/yd<sup>2</sup> / g/m<sup>2</sup>** Pile Fibre Content **100% STATRON SOLUTION DYED NYLON**  
Construction Details **Tufted** Secondary Backing **Synthetic** Order No. **APL 6A**  
Style **LOOP PILE** Colour **Pike Place**  
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 **17/6/2010** Test Date **1/7/2010**

**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 **9.4 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **9.3 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>9.3</b>	<b>9.3</b>	<b>9.3</b>	<b>9.3</b>
Smoke Development Rate (%.min)	<b>71</b>	<b>54</b>	<b>56</b>	<b>60</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 9.3 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 60 percent-minutes**


OBSERVATIONS **The samples shrunk away from the heat source and burnt a very short distance.**



**M. B. Webb**  
Technical Manager

DATE: 1/7/2010

Measurement Science & Technology No. 15393  
**This document is issued in accordance with 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.

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	187	188	264	415	/													
2	191	193	239	549	/													
3	145	146	467	690	/													

**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>	19	78	197	850
Specimen Tests: <b>Width</b>				
1	24	71	200	870
2	16	54	205	895
3	9	56	200	784
Mean	16	60	202	850



ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

DATE: 1/7/2010

Measurement Science  
& Technology No. 15393  
**This document is issued in  
accordance with NATA's  
accreditation requirements.**

*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.

2004 04 09 3529 3 July 2010