

CUSTOMER REFERENCE

## ACCENTS 22oz/yd<sup>2</sup> Solution Dyed Nylon

Sample description as provided by customer

Mass/unit area **22 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Loop Pile**

Order No. **KG**

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 C1.10 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 **06 Jun 2015**

Test Date **06 Jun 2015**

### ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) AIRSTEP SENSI SLAB.

The underlay used was **AIRSTEP SENSI SLAB** it was adhered to the substrate using **ROBERTS 656** adhesive. The floor covering was adhered to the underlay 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 **5.1 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **3.3 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>3.3</b>	<b>5.2</b>	<b>3.9</b>	<b>4.1</b>
Smoke Development Rate (%.min)	<b>420</b>	<b>337</b>	<b>396</b>	<b>384</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 4.1 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 384 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 06 Jun 2015

Performance & Approvals  
Testing No. 15393  
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PAGE 1 of 2

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	239	240	320	352	394	471	590	728	977	1887	/	/						
2	284	285	324	361	422	484	534	734				/						
3	176	178	242	285	364	451	531	709	1106	2435	/							

**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>	405	1,894	54	388
Specimen Tests: <b>Width</b>				
1	500	2,720	62	420
2	390	1,351	60	337
3	460	2,440	60	396
<b>Mean</b>	450	2,170	61	384



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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