

CUSTOMER REFERENCE

ACCENTS 22oz/yd² Solution Dyed Nylon

Sample description as provided by customer

Mass/unit area **22 oz/yd²**

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 **May 2015**

Test Date **06 Jun 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP EXCELLAY .

The UNDERLAY used was **DUNLOP EXCELLAY**.

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 **3.4 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **3.2 kW/m²**
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	3.2	3.2	3.3	3.2
Smoke Development Rate (%.min)	279	256	294	276

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 **3.2 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **276 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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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	235	236	288	398	444	497	570	705	819	1513	2059	/						
2	194	195	272	300	371	461	507	621	890	1407	2077	/						
3	228	230	301	373	393	431	548	585	698	1055	/							

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: Length	490	1,847	59	261
Specimen Tests: Width				
1	510	2,088	60	279
2	510	2,082	56	256
3	500	1,615	63	294
Mean	507	1,928	60	276



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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