

CUSTOMER REFERENCE
CRITIC CHOICE

Sample description as provided by customer
Mass/unit area **26 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Cut Pile**
The Samples Were Supplied under **PO 25677**

Order No. **PO 25677**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Natural Canvas**
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 **Jan 2016**

Test Date **09 Feb 2016**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEPSMART.

The UNDERLAY used was **AIRSTEP STEPSMART**.

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 **2.4 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.1 kW/m²**
Full tests carried out in the **Width** Direction



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.1	2.5	2.4	2.3
Smoke Development Rate (%.min)	198	188	267	218

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 **2.3 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **218 percent-minutes**

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

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 09 Feb 2016	
	Performance & Approvals Testing No. 15393	
	Accredited for compliance with ISO/IEC 17025.	

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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	180	181	190	199	247	305	316	345	440	586	718	1123	1779	/				
2	128	129	155	172	209	230	282	356	442	607	971	1338	/					
3	143	144	172	209	222	253	293	382	469	501	538	1209	/					

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: Width	590	1,843	51	209
Specimen Tests: Width				
1	630	1,971	49	198
2	580	1,624	44	188
3	590	1,567	56	267
Mean	600	1,721	50	218



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COMPETENCE**



M. B. Webb
Technical Manager

DATE: 09 Feb 2016

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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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