

CUSTOMER REFERENCE

26oz/yd² RECYCLED SDN COMMERCIAL CARPET

Sample description as provided by customer

Mass/unit area **26 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Loop Pile**

Order No. **KG**

Pile Fibre Content **100% RECYCLED SOLUTION DYED NYLON**

Colour **GREY SHADES**

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 **FEB 2015**

Test Date **04 Mar 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP BLACK RUBBER.

The UNDERLAY used was **AIRSTEP BLACK RUBBER**.

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 **2.1 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.2 kW/m²**
Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	2.1	2.2	2.2	2.2
Smoke Development Rate (%.min)	248	238	296	261

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 **2.2 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **261 percent-minutes**


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



M. B. Webb
Technical Manager

DATE: 04 Mar 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	207	209	267	295	326	476	517	851	1192	1714	2280	2734	3096	/				
2	218	220	265	309	371	429	572	920	1194	1579	2114	2567	3250	/				
3	209	211	248	299	336	402	582	886	1075	1539	1983	2460	2785					

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	614	2.907	62	239
Specimen Tests: Length				
1	615	3,240	63	248
2	620	3,425	62	238
3	620	2,983	64	296
Mean	618	3,216	63	261



NATA
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**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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