

CUSTOMER REFERENCE
BARITONE

Sample description as provided by customer
Mass/unit area **28 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Multi Level Loop**

Order No. **PO 26159**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Brown 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 **Apr 2016**

Test Date **20 May 2016**

ASSEMBLY SYSTEM: OVER UNDERLAY **DUNLOP GOVERNMENT RED.**

The UNDERLAY used was **DUNLOP GOVERNMENT RED.**

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 **2.2 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	2.2	2.2	2.2
Smoke Development Rate (%.min)	149	146	153	149

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 **149 percent-minutes**

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



M. B. Webb
Technical Manager
DATE: 20 May 2016
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	130	130	133	136	160	202	286	392	424	448	713	1054	1446	/				
2	132	133	140	167	210	252	291	348	411	516	731	1127	1484	/				
3	152	153	174	196	225	283	302	363	484	602	829	1246	1856					

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		620	1,843	31	151
Specimen Tests: Width					
1		630	2,062	28	149
2		620	2,292	33	146
3		620	2,409	28	153
Mean		623	2,254	30	149



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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