

CUSTOMER REFERENCE
GREAT SANDY

Sample description as provided by customer
Pile weight mass/unit area **34 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Multi Level Loop**

Order No. **KG**
Pile Fibre Content **100% WOOL**
Colour **Beige 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 **Jan 2017**

Test Date **18 Jan 2017**

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 **3.7 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **3.0 kW/m²**
Full tests carried out in the **Width** Direction



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	3.0	3.3	3.8	3.4
Smoke Development Rate (%.min)	171	172	196	180

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 **3.4 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **180 percent-minutes**

OBSERVATIONS: **The samples singed, ignited and burnt a relatively short distance.**

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 18 Jan 2017	
	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	126	127	130	132	137	140	145	162	180	201	259	/						
2	128	129	132	137	145	162	183	231	256	351	436	/						
3	134	135	141	152	188	201	253	286	319	392								

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		487	758	88	183
Specimen Tests: Width					
1		540	726	90	171
2		520	732	86	172
3		480	751	88	196
Mean		513	736	88	180



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COMPETENCE**



1M. B. Webb
Technical Manager

DATE: 18 Jan 2017

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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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