

Attn: Mr Damien Ryan, Technical Manager m/s SIGNATURE FLOORCOVERINGS PTY LTD 13 Wurundjeri Drive Epping Vic 3076

LABORATORY TEST REPORT P172204

MAINLAND

Sample description as provided by customer Pile weight mass/unit area 1020 g/m² Construction Details Tufted Secondary Backing Jute Style Loop Pile

Order No. PO109343 Pile Fibre Content 100% WOOL Colour Grey 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 the Building Code of Australia (BCA) and National Construction Code 2015 (NCC) specifications C1.10. Sample conditioning as specified in BS EN 13238.2010.

Sample Submitted Date Jul 2017

Test Date 22 Jul 2017

Total Thickness

mm

Assembly System: OVER UNDERLAY DUNLOP SUPERGREEN.

The UNDERLAY used was DUNLOP SUPERGREEN.

Substrate: Non-Combustible - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring. The Holding Torque on Specimen Frame was 2Nm.

The standard requires two Initial Tests be conducted on samples mounted in both Length and Width directions. Two further samples are then tested in whichever direction has the lowest Critical Radiant Flux.

Initial Tests: Length Direction Critical Radiant Flux 7.3 kW/m² Width Direction Critical Radiant Flux 8.0 kW/m²

	Specimen Tests conducted in the Length Direction									
	Specimen #1	Specimen #2	Specimen #	^t 3 Mean						
Critical Radiant Flux (kW/m²)	7.3	6.2		5.9 6.5						
Smoke Development Rate (%.min)	83	122		112 106						

The values quoted below are as required by BCA and NCC Specification C1.10 Fire Hazard Properties (Floors). The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

Mean Critical Radiant Flux 6.5 kW/m² Mean Smoke Development Rate 106 %.min

Observations: The samples singed, ignited and burnt a short distance.

AS.ISO 9239.1 Clause 9(o) The test results 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 in use. All information required for compliance with the BCA and NCC is given on this test report page.

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(v5-0, 11/03/2017)



M. B. Webb Technical Manager

Performance & Approvals ACCREDITED FOR

TECHNICAL Accreditation No. 15393 COMPETENCE Accredited for compliance with ISO/IEC 17025.

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LABORATORY TEST REPORTThe information provided on this page of the test report is for the Sponsors Use Only and will meet the requirements of the standard.Page 2 of 2P172204This page is Not Required and has No Validity under Specification C1.10 Fire Hazard Properties (Floors) of the BCA and NCC 2015.
The laboratory does not allow the use of this page of the report without the use of page 1.Page 2 of 2

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	128	129	134	139	146	181	1											
2	141	142	150	170	181	265	345	1										
3	127	128	134	141	148	203	231	303	/									

TESTS	BURNING CHARAC	CTERISTICS	SMOKE PRODUCT	ION	
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Ń
Initial Test: Width	270	725	60	103	
Specimen Tests: Length					AC T
1	300	725	56	83	C
2	350	734	58	122	DA Per
3	360	745	56	112	Acc Acc
Mean	337	735	57	106	wit

ACCREDITED FOR TECHNICAL COMPETENCE DATE: 22 Jul 2017 Performance and Approvals Accreditation No. 15393 Accredited for compliance with ISO/IEC 17025.

2004 04 09 3666 22 July 2017

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