

m/s Beaulieu of Australia 64 Lahrs Rd,Ormeau Q/Ld 4208 Attn: MS Sue Schultz TEST REPORT No. 159187

LABORATORY REF: P159187

CUSTOMER REFERENCE

Sample description as provided by customerOrder No. PO25054Mass/unit area 26 oz/yd2Pile Fibre Content 100% RESISTAIN SOLUTION DYED NYLONConstruction Details Tufted Secondary Backing SyntheticColour Grey/FawnStyle Loop PilePile Height 3.4 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 Sep 2015

Test Date 04 Oct 2015

ASSEMBLY SYSTEM: OVER UNDERLAY (Details Below).

The UNDERLAY used was DUNLOP LUXURY TRED.

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 Specimen 1 Width Direction Full tests carried out in the Critical Radiant Flux 2.6 kW/m² Critical Radiant Flux 2.3 kW/m² Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	2.3	2.6	2.5	2.5
Smoke Development Rate (%.min)	232	241	229	234

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 2.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 234 percent-minutes

OBSERVATIONS: The samples shrunk away from the heat source, ignited and burnt a relatively short distance.



M. B. Webb Technical Manager

DATE: 04 Oct 2015



ACCREDITED FOR Performance & Approvals TECHNICAL Testing No. 15393 Accredited for compliance with ISO/IEC 17025. 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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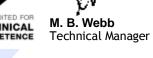


TEST REPORT No. 159187THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THEPAGE 2 of 2LABORATORY REF: P159187REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER Clause 9 of AS/ISO 9239 Part 1PAGE 2 of 2

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	236	237	247	289	327	367	383	475	571	931	1228	1762	2316	/				
2	239	240	251	299	337	388	425	503	587	1046	1328	1851						
3	212	214	266	313	355	403	449	542	592	973	1484	1906						

TESTS	BURNING CHARAC	CTERISTICS	SMOKE PRODUCTI	ON
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)
Initial Test: Length	570	2,283	61	229
Specimen Tests: Width				
1	610	2,324	62	232
2	570	2,009	64	241
3	580	2,209	65	229
Mean	587	2,324	64	234



DATE: 04 Oct 2015

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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 12004 04 0993694 October 2015

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