

m/s Beaulieu of Australia 64 Lahrs Rd.Ormeau Q/Ld 4208 Attn: MS Sue Schultz

TEST REPORT No. 135968B

LABORATORY REF: P135968B

CUSTOMER REFERENCE

TERABYTE

Sample description as provided by customer

Order No. 20277

Mass/unit area 28 oz/yd2

Style Loop Pile

Pile Fibre Content 100% RESISTAIN SOLUTION DYED NYLON

Construction Details **Tufted** Secondary Backing **Synthetic**

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 C1.10a 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 Nov 2012

Test Date 5 May 2013

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEPSMART

The UNDERLAY used was AIRSTEP STEPSMART.

Substrate: Non-Combustible

Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

The Holding Torque on Specimen Frame was 2Nm.

Specimen 1 Length Direction Initial Test

Specimen 1 Width Direction

Critical Radiant Flux 4.6 kW/m² Critical Radiant Flux 4.5 kW/m²

Full tests carried out in the

Length Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	4.5	4.5	2.5	3.8
Smoke Development Rate (%.min)	275	261	321	286

The values quoted below are as required by Specification C1.10a 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 3.8 kW/m² MEAN SMOKE DEVELOPMENT RATE 286 percent-minutes

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



M. B. Webb Technical Manager

DATE: 5 May 2013

Measurement Science & Technology No. 15393

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



This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

The values on Page 2 have no relevance to the Code.

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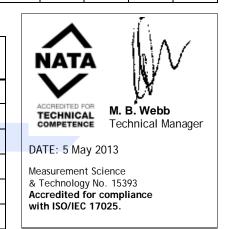
TEST REPORT No. 135968 LABORATORY REF: P135968 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA.

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	145	147	203	236	281	316	359	476	637									
2	167	169	213	263	288	356	394	443	679									
3	170	172	177	201	264	352	371	498	591	838	1082	1193						

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)	
Initial Test: Length	423	1,197	64	2	271
Specimen Tests: Width					
1	430	1,213	67	2	275
2	430	1,202	64	20	261
3	590	1,569	64	32	321
Mean	483	1,328	65	28	286



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 Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

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