

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

**TEST REPORT No. 158925** 

**LABORATORY REF: P158925** 

#### **CUSTOMER REFERENCE**

### **TERABYTE**

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

Order No. 24427 Pile Fibre Content 100% SOLUTION DYED NYLON Colour Fawn/Grey Pile Height

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 Jun 2015 Test Date 27 Jun 2015

## ASSEMBLY SYSTEM: OVER UNDERLAY DUNI OP FXCFILAY

The UNDERLAY used was DUNLOP EXCELLAY.

**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

Critical Radiant Flux 2.4 kW/m<sup>2</sup> Specimen 1 Width Direction Critical Radiant Flux 2.4kW/m<sup>2</sup>

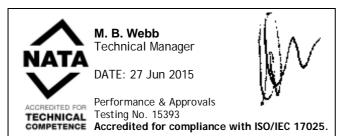
Full tests carried out in the **Length** Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m²)	2.4	2.3	2.2	2.3
Smoke Development Rate (%.min)	196	229	197	207

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 2.3 kW/m<sup>2</sup> **MEAN SMOKE DEVELOPMENT RATE** 207 percent-minutes

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



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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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TEST REPORT No. 158925 LABORATORY REF: P158925 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 9 of AS/ISO 9239 Part 1

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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	226	228	284	297	310	334	361	394	423	688	1147	1655			1			
2	207	209	233	253	322	344	405	516	590	997	1399	1697	2626	1				
3	218	220	248	285	349	369	428	539	603	841	1495	1853	2249					

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: Width	605	2,206	71	203	
Specimen Tests: Length					
1	605	1,923	74	196	
2	620	2,851	64	229	
3	626	2,593	63	197	
Mean	617	2,456	67	207	



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 2004 04 09 21427 27 June 2015