

Att Mr George Naguib m/s Feltex Carpets Pty Ltd, 8 Scotland St, Braybrook Vic 3019 **TEST REPORT No. 103949** 

LABORATORY REF: P103949

### **CUSTOMER REFERENCE**

## **KNIGHTS POINT**

Sample description as provided by customer

Order No. FTX1056

Mass/unit area 20 oz/yd² / g/m²

Pile Fibre Content 100% SOLUTION DYED NYLON

Construction Details **Tufted** Secondary Backing **Jute** 

Colour STONE

Style **LOOP** 

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.

Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.

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 in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date 15/3/2010

Test Date 24/3/2010

# ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) (Details Below).

The underlay used was DUNLOP ULTRALAY it was adhered to the substrate using DUNLOP PRIME & PEEL adhesive. The floor covering was adhered to the underlay using DUNLOP ULTRA BOND, adhesive.

**Substrate: Non-combustible** 

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

Sample Cleaned as Specified in ISO 11379.1997. The Holding Torque on Specimen Frame was 2Nm.

Specimen 1 Length Direction

Specimen 1 Width Direction

Critical Radiant Flux 1.3 kW/m<sup>2</sup> Critical Radiant Flux 1.2 kW/m<sup>2</sup>

Full tests carried out in the

Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	1.2	1.2	1.2	1.2
Smoke Development Rate (%.min)	498	558	643	566

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 1.2 kW/m<sup>2</sup> **MEAN SMOKE DEVELOPMENT RATE** 566 %.min

OBSERVATIONS The samples shrunk away from the hear source ,ignited and burnt



M. B. Webb Technical Manager

DATE: 24/3/2010

Measurement Science & Technology No. 15393

This document is issued in accordance with NATA's accreditation requirements.

PAGE 1 of 2

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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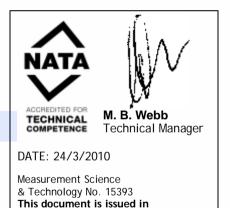
TEST REPORT No. 103949 LABORATORY REF: P103949 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA

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	157	159	176	240	258	273	306	328	392	518	664	1481	1193	1648	1837	2511	3127	
2	181	183	244	251	270	295	308	351	411	467	549	779	951	1256	1909	2268	2910	
3	189	191	209	235	251	279	302	341	372	472	728	884	1211	1452	1890	2581	3093	

TESTS	SMOKE PRODU	JCTION		<b>BURNING CHARA</b>			
Specimen	Maximum Light Attenuation (%) Smok		ment	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Critical Heat Flux at 30min (kW/m²)*	
Initial Test: Length	81		461	800	3,295	1.7*	
Specimen Tests: Width							
1	82		498	815	3,167	1.7*	
2	86		558	815	3,027	1.7*	
3	85		643	823	3,167	1.7*	
Mean	84		566	818	3,120	1.7*	



accordance with NATA's accreditation requirements.

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.

\* Critical Heat Flux at 30min has no relevance under the Building Code of Australia which demands Heat Flux measurement at Flame Out/Extinguishment (BCA General Provisions A1.1). 2004 04 09 43531 25 March 2010