

Att Mr George Naguib m/s Feltex Carpets Pty Ltd, 8 Scotland St, Braybrook Vic 3019 **TEST REPORT No. 103948**

LABORATORY REF: P103948

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 $\ \, \textbf{Tufted} \,\, \, \text{Secondary Backing } \textbf{Jute} \,\,$

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 25/3/2010

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

The underlay used was BRIDGESTONE RESIST UNDERLAY it was adhered to the substrate using ROBERTS 656 adhesive. The floor covering was adhered to the underlay using ROBERTS 95 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.

Initial Test | Specimen 1 Length Direction

Specimen 1 Width Direction

Critical Radiant Flux 2.3 kW/m²
Critical Radiant Flux 2.2 kW/m²

Full tests carried out in the

Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	2.2	2.2	2.1	2.2
Smoke Development Rate (%.min)	437	523	536	499

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 2.2 kW/m² MEAN SMOKE DEVELOPMENT RATE 499 %.min

 ${\tt OBSERVATIONS} \ \textbf{The samples shrunk away from the heat source} \ , \ \textbf{ignited}, \ \textbf{then burnt}$



M. B. Webb Technical Manager

DATE: 25/3/2010

Measurement Science & Technology No. 15393

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

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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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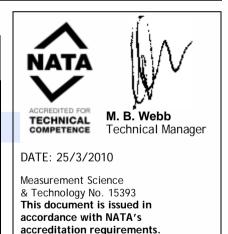
TEST REPORT No. 103948 LABORATORY REF: P103948 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA

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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	219	221	254	286	323	335	385	397	488	563	764	1240	1329	1				
2	184	186	218	259	279	290	324	367	485	525	666	1182	1351	1				
3	188	190	224	275	296	339	379	401	475	583	735	1186	1529					

TESTS	SMOKE PRODU	JCTION					
Specimen	Maximum Light Smo Attenuation Develop (%) Rate (%)		oment	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Critical Heat Flux at 30min (kW/m²)*	
Initial Test: Length	73		459	614	1583	*	
Specimen Tests: Width							
1	81		437	643	1,551	(n/a)*	
2	81		523	635	1,560	(n/a)*	
3	76		536	648	1,795	*	
Mean	79		499	642	1,635	*	



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 19920 25 March 2010