

Att Mr George Naguib m/s Feltex Carpets Pty Ltd, 8 Scotland St, Braybrook Vic 3019 **TEST REPORT No. 104020** 

**LABORATORY REF: P104020** 

### **CUSTOMER REFERENCE**

## **VERSATILE**

Sample description as provided by customer

Order No. GN

Mass/unit area **18** oz/yd² / g/m²

Pile Fibre Content 100% SOLUTION DYED NYLON

Construction Details Tufted Secondary Backing Jute

Colour GREY

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 **Feb 2010** 

Test Date 29/3/2010

# 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.

Initial Test Specimen 1 Length Direction

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

Specimen 1 Width Direction

Critical Radiant Flux 1.3 kW/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)	1.3	1.2	1.2	1.2
Smoke Development Rate (%.min)	121	328	295	248

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 248 %.min

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



M. B. Webb Technical Manager

DATE: 29/3/2010

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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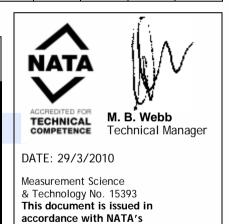
TEST REPORT No. 104020 LABORATORY REF: P104020 THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA

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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	196	198	213	236	257	273	298	318	353	409	520	621	1119	1372	1873	2041	1	
2	165	167	220	228	243	270	299	318	346	370	459	664	1196	1285	1903	2436	2944	
3	1810	183	248	248	252	271	295	314	350	434	529	637	899	1260	1696	2057	1	

TESTS	SMOKE PRODU	JCTION					
Specimen	Maximum Light Smo Attenuation Develop (%) Rate (%)		ment	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Critical Heat Flux at 30min (kW/m²)*	
Initial Test: Width	78		302	790	3,160	1.7*	
Specimen Tests: Length							
1	79		121	800	2,472	1.7*	
2	78		328	820	3,175	1.7*	
3	80		295	809	2,449	1.7*	
Mean	79		248	810	2,699	1.7*	



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 35293 29 March 2010