Att Mr George Naguib
M/s Feltex Carpets Pty Ltd,
35-65 Paramount Rd, Melbourne 3012

TEST REPORT No. 082883

LABORATORY REF: P082883

CUSTOMER REFERENCE

VERSATILE

Sample description as provided by customer Order No. **APL45**

Mass/unit area **18** oz/yd² g/m² Pile Fibre Content **100% SOLUTION DYED NYLON**

Construction Details **Tufted** Secondary Backing **Jute** Colour **Brown**

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 results 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 **30/9/2008** Test Date **31/10/2008**

ASSEMBLY SYSTEM DIRECT STICK details below.

The floor covering was directly stuck to the substrate 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

Initial Test Specimen 1 Length Direction Critical Radiant Flux 3.9 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 3.4 kW/m²
Full tests carried out in the Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	3.4	4.0	4.1	3.8
Smoke Development Rate (%.min)	115	128	152	132

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.

MEAN CRITICAL RADIANT FLUX 3.8 kW/m²

MEAN SMOKE DEVELOPMENT RATE 132 %.min

OBSERVATIONS **The samples shrunk away from the heat source then ignited**

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Authorised Signatory **M. B. Webb**
Technical Manager
DATE 31/10/2008
Measurement Science and Technology No. 15393

PAGE 1 of 2
Page 2 only shows the time required in seconds for the flame front to reach each time marker, the total test time and the CHF value at 30 minutes (if applicable).
The laboratory allows the use of this page of the report without the use of page 2.

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TEST REPORT No. 82883
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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

Pyrometer temperature
On calibration 576.6°C
Start of test run 576.8
During test run 577.1

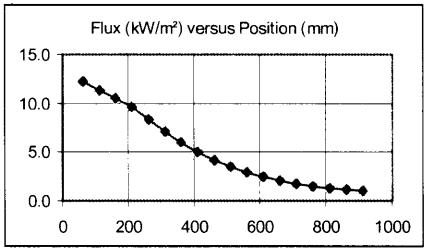
Chamber temperature
On calibration 99.2°C
Start of test run 99.8
During test run 100.2

Clause 7.2.2 AS/ISO 9239 The pyrometer should be ± 5° of calibration temperature.
The Chamber temperature should be ±10° of calibration temperature
The Holding Tension on Specimen Frame was 2 Nm

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	200	206	300	361	481	613	809	1051	1364	1537	2073	/						
2	198	203	325	384	539	726	938	1257	1850	2259								
3	185	190	223	517	675	793	1063	1546	2094	2601	/							

FLUX CALIBRATION: FLX08001



TESTS **SMOKE PRODUCTION** **BURNING CHARACTERISTICS**

Specimen	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length at Flame Out (mm)	Time To Burn Out (s)	Critical Heat Flux at 30min (kW/m²)
Initial Test: **Length**	**45**	**117**	**473**	1,983	3.4
Specimen Tests: **Width**					
1	47	115	510	2,078	3.5
2	39	128	465	2,306	3.5
3	16	152	460	2,617	4.1
Mean	34	132	478	2,334	3.8

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Measurement Science and Technology No. 15393

Authorised Signatory
M B Webb
Date **31/10/2008**

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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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