APL

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

TEST REPORT No. 082993

LABORATORY REF: P082993

CUSTOMER REFERENCE

PROCESSOR II

Sample description as provided by customer Order No. **FTX1004**

Mass/unit area **20** oz/yd² g/m² Pile Fibre Content **90% SOLUTION DYED NYLON 10% SPACE DYED NYLON**

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

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 **25/11/2008** Test Date **8/12/2008**

ASSEMBLY SYSTEM DOUBLE BOND (DOUBLE STICK) details below.

The underlay used was SENSI SLAB 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

Initial Test Specimen 1 Length Direction Critical Radiant Flux **1.6** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **1.5** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	1.5	1.6	1.6	1.6
Smoke Development Rate (%.min)	470	459	435	455

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 1.6 kW/m²

MEAN SMOKE DEVELOPMENT RATE 455 %.min

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

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ACCREDITED FOR TECHNICAL COMPETENCE

Authorised Signatory **M. B. Webb**
Technical Manager
DATE 9/12/2008

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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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 577.3
During test run 577.8

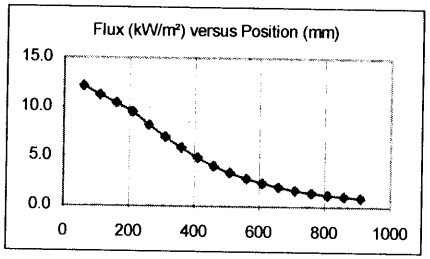
Chamber temperature
On calibration 99.2°C
Start of test run 99.4
During test run 99.8

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	168	171	206	238	259	274	316	326	371	439	615	853	1014	1830	2394	/		
2	166	170	236	241	267	283	327	359	449	506	674	848	1369	1905	2613			
3	195	198	227	238	245	254	303	342	453	503	684	893	1207	1846	2585	/		

FLUX CALIBRATION: FLX08001



TESTS

Specimen	SMOKE PRODUCTION: Maximum Light Attenuation (%)	SMOKE PRODUCTION: Smoke Development Rate (%.min)	BURNING CHARACTERISTICS: Burn Length at Flame Out (mm)	BURNING CHARACTERISTICS: Time To Burn Out (s)	BURNING CHARACTERISTICS: Critical Heat Flux at 30min (kW/m²)
Initial Test: **Length**	83	483	719	2,483	2.1
Specimen Tests: **Width**					
1	86	470	730	2,574	2.0
2	82	459	716	2,839	2.1
3	83	435	710	2,590	2.0
Mean	84	455	719	2,668	2.0

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Authorised Signatory
M B Webb
Date **8/12/2008**

PAGE 2 of 2
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.