



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

TEST REPORT No. 082884
LABORATORY REF: P082884

CUSTOMER REFERENCE

VERSATILE

Sample description as provided by customer

Mass/unit area 18 oz/yd² g/m² Pile Fibre Content 100% SOLUTION DYED NYLON
Construction Details Tufted Secondary Backing Jute
Style LOOP

Order No. APL45
Colour Brown
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 30/10/2008

ASSEMBLY SYSTEM OVER UNDERLAY details below.

The UNDERLAY used was BRIDGESTONE STANDARD BLACK RUBBER

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 1.3 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 1.2 kW/m²
Full tests carried out in the Width Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	1.2	1.1	1.2	1.2
Smoke Development Rate (%.min)	340	383	409	377

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 1.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 377 %.min

OBSERVATIONS The samples shrunk away from the heat source then ignited



Authorised Signatory **M. B. Webb**
Technical Manager *[Signature]*
DATE *21/10/2008*
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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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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Pyrometer temperature
 On calibration 576.6 °C
 Start of test run 577.2
 During test run 577.8

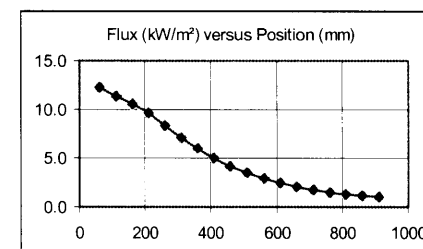
Chamber temperature
 On calibration 99.2 °C
 Start of test run 101.5
 During test run 102.1

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	154	156	174	202	220	245	267	298	340	439	543	794	1026	1355	1593	2067	2486	
2	153	159	183	209	234	258	273	302	357	448	559	809	1093	1408	1652	2143	2517	
3	156	159	193	218	248	269	290	319	367	459	568	816	1053	1396	1754	2218	2637	

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	76	383	785	2,659	2.0
Specimen Tests: Width					
1	73	340	820	2,664	2.1
2	75	383	833	2,749	2.2
3	81	409	820	2,731	2.1
Mean	76	377	824	2,715	2.2

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M B Webb
 Date 30/10/2008

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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.