



Att Mr John Millard
m/s ICON CARPETS Pty Ltd,
255 York St,
Subiaco 6008

TEST REPORT No. 082741

LABORATORY REF: P082741

CUSTOMER REFERENCE

STRADALE

Sample description as provided by customer

Mass/unit area oz/yd² 600-630 g/m²

Solution Dyed Nylon

Construction Details Tufted Secondary Backing TILE PVC-Fibreglass Reinforced

Style Multi-Level Loop Pile Carpet Tile

Order No. JM

Pile Fibre Content 100% Invista

Colour Black/Red

Pile Height

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 17/7/2008

Test Date 2/8/2008

ASSEMBLY SYSTEM DIRECT STICK details below.

The floor covering was directly stuck to the substrate using WATER BASED SURFACE CONTACT 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 2.4 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 2.3 kW/m²
Full tests carried out in the Width Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.3	2.4	2.6	2.4
Smoke Development Rate (%.min)	312	251	274	279

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 2.4 kW/m²

MEAN SMOKE DEVELOPMENT RATE 279 %.min

OBSERVATIONS The samples shrunk away from the heat source then ignited



Authorised Signatory **M. B. Webb**
Technical Manager
DATE 2/8/2008
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.

1003 05 07



TEST REPORT No. 82741
LABORATORY REF: P082741

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

PAGE 2 of 2

Pyrometer temperature
On calibration 576.6 °C
Start of test run 575.9
During test run 575.3

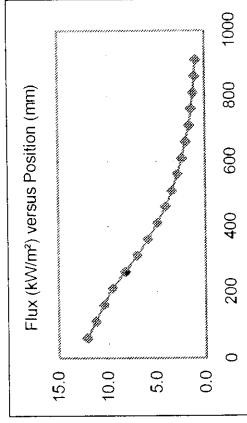
Chamber temperature
On calibration 99.2 °C
Start of test run 101.2
During test run 101.9

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	185	193	245	291	368	401	597	776	1071	1326	1875	2919	2933	/				
2	187	199	226	285	351	438	629	809	1192	1463	1957	2846	2919					
3	159	168	210	276	338	448	673	846	1162	1826	2096	2483	/					

FLUX CALIBRATION: FLX08001



TESTS

Specimen	SMOKE PRODUCTION			BURNING CHARACTERISTICS			Critical Heat Flux at 30min (kW/m²)
	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length at Flame Out (mm)	Time To Burn Out (s)			
Initial Test: Length	63	308	607	2,859			3.6
Specimen Tests: Width							
1	60	312	620	2,999			3.5
2	59	251	610	2,926			3.8
3	49	274	590	3,183			3.8
Mean	56	279	607	3,036			3.7



ACCREDITED FOR TECHNICAL COMPETENCE

Measurement Science and Technology No. 15393

Authorised Signatory
M B Webb
Date 2/8/2008

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.

2002 05 07 23706