

Att Mr George Naguib  
m/s Feltex Carpets Pty Ltd,  
8 Scotland St, Braybrook Vic 3019

TEST REPORT No. 104126

LABORATORY REF: P104126H

CUSTOMER REFERENCE

## OPTICS

Sample description as provided by customer

Mass/unit area **22 oz/yd<sup>2</sup> / g/m<sup>2</sup>** Pile Fibre Content **100% NYLON**

Construction Details **Tufted Secondary Backing BITUMEN**

Style **LOOP PILE**

**THE SAMPLES TESTED WERE MODULAR CARPET**

Order No. **APLC**

Colour **Blue/Pink**

Pile Height **3 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 **17/6/2010**

Test Date **8/7/2010**

## ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **GHM GS 444** 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 **9.5 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **8.5 kW/m<sup>2</sup>**  
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>8.5</b>	<b>8.1</b>	<b>7.5</b>	<b>8.0</b>
Smoke Development Rate (%.min)	<b>253</b>	<b>292</b>	<b>239</b>	<b>261</b>

*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 **8.0 kW/m<sup>2</sup>**

### MEAN SMOKE DEVELOPMENT RATE **261 percent-minutes**

OBSERVATIONS The samples shrunk away from the heat source, ignited, then burnt a short distance.



ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**

M. B. Webb  
Technical Manager

DATE: 8/7/2010

Measurement Science &  
Technology No. 15393  
This document is issued in accordance with  
NATA's accreditation requirements.

PAGE 1 of 2

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.

1004 04 09