

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

TEST REPORT No. 104126

LABORATORY REF: P104126K

CUSTOMER REFERENCE

RADIUS

Sample description as provided by customer

Mass/unit area 22 oz/yd² / g/m² Pile Fibre Content 100% NYLON

Construction Details Tufted Secondary Backing BITUMEN

Style LOOP PILE

Order No. APLC

Colour Blue/Pink

Pile Height 3 mm

THE SAMPLES TESTED WERE MODULAR CARPET

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/m²
Specimen 1 Width Direction Critical Radiant Flux 8.5 kW/m²
Full tests carried out in the Width Direction

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

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/m²

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.

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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.

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