

m/s Feltex Carpets Pty Ltd,
8 Scotland St, Braybrook Vic 3019

TEST REPORT No. 104326AF

LABORATORY REF: P104326AF

CUSTOMER REFERENCE

Solution Dyed Nylon Tiles

Sample description as provided by customer

Mass/unit area / oz/yd² 680 g/m²

Pile Fibre Content 100% STATRON SOLUTION DYED NYLON

Construction Details Tufted Secondary Backing Tile Bitumen Backing

Style Hi Lo Loop Pile

Order No. APL 10A

Colour 770 Meteor

Pile Height 4.5 mm

THE SAMPLES TESTED WERE MODULATED 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 19/10/2010

Test Date 6/11/2010

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using ROBERTS GHM G3 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 6.2 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 6.1 kW/m²
Full tests carried out in the Width Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	6.1	7.2	6.1	6.5
Smoke Development Rate (%.min)	316	349	371	345

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 6.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 345 percent-minutes

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



ACCREDITED FOR
TECHNICAL
COMPETENCE

M. B. Webb
Technical Manager

DATE: 6/11/2010

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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