

m/s FELTEX
7 Factories Rd
South Geelong Vic 3220

TEST REPORT No. 115164A

LABORATORY REF: P115164A

CUSTOMER REFERENCE

REACTIVATE

Sample description as provided by customer

Mass/unit area 750 g/m² Pile Fibre Content 100% SOLUTION DYED NYLON

Construction Details Tufted Secondary Backing Synthetic

Style Multi Level Loop Pile

Order No. APL 8H

Colour # 580

Pile Height 4 mm

THE SAMPLES SECONDARY BACKING WAS ACTION BAC 16 X 11

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 4/8/2011

Test Date 10/10/2011

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP BLACK RUBBER.

The UNDERLAY used was AIRSTEP BLACK RUBBER.

Substrate : Non-combustible

Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux 6.7 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 7.1 kW/m²
Full tests carried out in the Length Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	6.7	3.6	4.5	4.9
Smoke Development Rate (%.min)	200	242	266	236

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 4.9 kW/m²

MEAN SMOKE DEVELOPMENT RATE 236 percent-minutes


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



M. B. Webb
Technical Manager

DATE: 10/10/2011

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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