

m/s Feltex Carpets PO BOX 93 GEELONG VIC 3216 Attn: Ms Elizabeth Mackowiak

TEST REPORT No. 12578C

LABORATORY REF: P 125748C

CUSTOMER REFERENCE

COSMOS

Sample description as provided by customer

Order No. APL 8C

Mass/unit area 18 oz/yd2

Pile Fibre Content 100% SOLUTION DYED NYLON

Construction Details Tufted Secondary Backing Synthetic EcoComposite

Colour #590

Style Loop Pile

Pile Height 4 mm

THE SAMPLES TESTED WERE MODULAR WITH EcoComposite BACKING

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 August 2012

Test Date 17 Aug 2012

ASSEMBLY SYSTEM: DIRECT STICK

The floor covering was directly stuck to the substrate using GHM G3 444 adhesive.

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

Specimen 1 Width Direction

Critical Radiant Flux 8.8 kW/m² Critical Radiant Flux 8.8 kW/m²

Full tests carried out in the

Length Direction

SPECIMEN Critical Radiant Flux	Length #1	Length #2	Length #3	Mean
(kW/m²) Smoke Development Rate	8.8	8.8	8.8	8.8
(%.min)	74	77	85	79

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 8.8 kW/m² **MEAN SMOKE DEVELOPMENT RATE** 79 percent-minutes

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

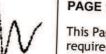


M. B. Webb Technical Manager

DATE: 17 Aug 2012

Measurement Science &

TECHNICAL Technology No. 10393
COMPETENCE Accredited for compliance with ISO/IEC 17025.



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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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