

m/s FELTEX
 7 Factories Rd
 South Geelong 3220 Attn Ms Elizabeth Mackowiak

TEST REPORT No. 125550R

LABORATORY REF: P125550R

CUSTOMER REFERENCE
PROTEGE

Sample description as provided by customer
 Mass/unit area 22 oz/yd²

Construction Details Tufted Secondary Backing **TILE ENVIRO BAC™**
 Style High and Low Loop

The Samples were MODULAR CARPET Backing ENVIRO BAC™

Order No. **APL 3H**
 Pile Fibre Content **100% NYLON**
 Colour **#4900**
 Pile Height 3.5 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 **March 2012**

Test Date **11 Apr 2012**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

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 Critical Radiant Flux **4.5 kW/m²**
 Specimen 1 Width Direction Critical Radiant Flux **5.0 kW/m²**
 Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	4.5	4.6	4.4	4.5
Smoke Development Rate (%.min)	542	546	466	518

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 4.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 518 percent-minutes


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



M. B. Webb
 Technical Manager

DATE: 11 Apr 2012

Measurement Science & Technology No. 15393
 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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