

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

TEST REPORT No. 1255500  
LABORATORY REF: P1255500

CUSTOMER REFERENCE  
**CORTEX**

Sample description as provided by customer  
Mass/unit area **22 oz/yd<sup>2</sup>**  
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/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **5.0 kW/m<sup>2</sup>**  
Full tests carried out in the **Length** Direction


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

*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/m<sup>2</sup>**

### 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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