

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

TEST REPORT No. 125550Q
LABORATORY REF: P125550Q

CUSTOMER REFERENCE
GRIDLOCK TILE

Sample description as provided by customer
Mass/unit area **22 oz/yd²**
Construction Details **Tufted** Secondary Backing TILE EcoComposite
Style **High and Low Loop**
The Samples were MODULAR CARPET Backing EcoComposite

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 &
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PAGE 1 of 2

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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