

Att Mr Gowtham Subramanian
m/s Dunlop Flooring
183-187, Newton Rd, Weherill Park NSW 2164

TEST REPORT No. 115037A

LABORATORY REF: P115037A

CUSTOMER REFERENCE

CITY LIVING PLUSH

Sample description as provided by customer

Mass/unit area 26 oz/yd² 880 g/m² Pile Fibre Content 50% WOOL 50% POLYPTOPYLENE

Construction Details Tufted Secondary Backing Jute

Style CUT PILE

Order No. GS

Colour FAWN

Pile Height 6.0 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 May 2011

Test Date 30/5/2011

ASSEMBLY SYSTEM: OVER UNDERLAY (Details Below).

The UNDERLAY used was **DUNLOP GOVERNMENT RED**.

Substrate : Non-combustible

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

Sample Cleaned as Specified in ISO 11379.1997. The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux 2.3 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 2.2 kW/m²
Full tests carried out in the **Width** Direction

| SPECIMEN | Width #1 | Width #2 | Width #3 | Mean |
|--|----------|----------|----------|------|
| Critical Radiant Flux (kW/m ²) | 2.2 | 2.2 | 2.2 | 2.2 |
| Smoke Development Rate (%.min) | 233 | 240 | 234 | 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 2.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 236 percent-minutes

OBSERVATIONS The samples singed then ignited



M. B. Webb
Technical Manager

DATE: 30/5/2011

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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