

m/s Quest Carpet Manufactures Pty Ltd  
PO BOX 4056 DANENONG SOUTH VIC 3164  
Attn: Ms Bridget Peasley

TEST REPORT No. 138085  
LABORATORY REF: P138085

CUSTOMER REFERENCE

**METROPOL**

Sample description as provided by customer  
Mass/unit area 48 oz/yd<sup>2</sup> 1632 g/m<sup>2</sup>  
Construction Details **Tufted** Secondary Backing **Jute**  
Style **Cut Pile Twist**

Order No. **BP**  
Pile Fibre Content **100% SOLUTION DYED NYLON**  
Colour **Dark Grey**  
Pile Height **14 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.**

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. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **Mar 2013**

Test Date **23 Mar 2013**

## **ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP GOVERNMENT RED**

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

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 **3.8 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **4.1 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>3.8</b>	<b>3.8</b>	<b>4.0</b>	<b>3.9</b>
Smoke Development Rate (%.min)	<b>302</b>	<b>292</b>	<b>336</b>	<b>310</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 3.9 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 310 percent-minutes**

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



M. B. Webb  
Technical Manager

DATE: 23 Mar 2013

ACCREDITED FOR  
TECHNICAL  
COMPETENCE

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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