

m/s Quest Carpet Manufactures Pty Ltd  
43-45 Mark Anthony Drive Dandenong South Vic 3175  
Attn: Ms Bridget Sunderland

TEST REPORT No. 148224  
LABORATORY REF: P148224

CUSTOMER REFERENCE  
**CROSSLEY TWIST**

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

Order No. **BS**  
Pile Fibre Content **100% SOLUTION DYED NYLON**  
Colour **Vellum**  
Pile Height / 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 C1.10 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 **Jul 2014**

Test Date **15 Jul 2014**

## ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP EXCELLAY

The UNDERLAY used was **DUNLOP EXCELLAY**.

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 **2.5 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.6 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>2.5</b>	<b>2.8</b>	<b>2.9</b>	<b>2.7</b>
Smoke Development Rate (%.min)	<b>454</b>	<b>423</b>	<b>442</b>	<b>440</b>

The values quoted below are as required by Specification C1.10 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 **2.7 kW/m<sup>2</sup>**

### MEAN SMOKE DEVELOPMENT RATE **440 percent-minutes**

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

	M. B. Webb Technical Manager	
	DATE: 15/7/2014	
	Performance & Approvals Testing No. 15393 Accredited for compliance with ISO/IEC 17025.	

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Clause 9 of AS/ISO 9239 Part 1

The values on Page 2 have no relevance to the Code.

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