

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

TEST REPORT No. 148412
LABORATORY REF: P148412

CUSTOMER REFERENCE
PACIFIC SDM TWIST

Sample description as provided by customer
Mass/unit area **32 oz/yd² 1082 g/m²**
Construction Details **Tufted Secondary Backing Jute**
Style **Cut Pile Twist**
REF **4/4479D**

Order No. **BS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Grey**
Pile Height **8 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 **Sep 2014**

Test Date **18 Sep 2014**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP 7 mm FOAM

The UNDERLAY used was **AIRSTEP 7 mm FOAM**.

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 **2.3 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.4 kW/m²**
Full tests carried out in the **Length** Direction



SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	2.3	2.3	2.6	2.4
Smoke Development Rate (%.min)	300	298	275	291

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 2.4 kW/m²

MEAN SMOKE DEVELOPMENT RATE 291 percent-minutes

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

	M. B. Webb Technical Manager	
	DATE: 18/9/2014	
ACCREDITED FOR TECHNICAL COMPETENCE	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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