

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

TEST REPORT No. 137376
LABORATORY REF: P137376

CUSTOMER REFERENCE

PACIFIC

Sample description as provided by customer
Mass/unit area 36 oz/yd² 1224 g/m²
Construction Details Tufted Secondary Backing Jute
Style Cut Pile Twist

Order No. BP
Pile Fibre Content 100% SOLUTION DYED NYLON
Colour Nordica
Pile Height 9.5 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.

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 May 2013

Test Date 30 May 2013

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP BLACK RUBBER.

The UNDERLAY used was AIRSTEP BLACK RUBBER.

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 2.6 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 2.5 kW/m²
Full tests carried out in the Width Direction



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.5	1.9	2.2	2.2
Smoke Development Rate (%.min)	317	342	350	336

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 336 percent-minutes

OBSERVATIONS: The samples shrunk away from the heat source

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 30 May 2013	
	Measurement Science & Technology No. 15393 Accredited for compliance with ISO/IEC 17025.	

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.

1004 04 09