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

TEST REPORT No. 159087

LABORATORY REF: P159087

CUSTOMER REFERENCE

SLIP STREAM

Sample description as provided by customer
Mass/unit area **75** oz/yd² **2126** g/m²
Construction Details **Tufted** Secondary Backing **Jute**
Style **Cut Pile**

Order No. **BP**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Charcoal**
Pile Height **12-13** 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 **14 Jul 2015** Test Date **21 Jul 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEP LUX.

The UNDERLAY used was AIRSTEP STEP LUX.

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/m²
Specimen 1 Width Direction Critical Radiant Flux **3.6** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	3.6	3.8	3.9	3.8
Smoke Development Rate (%.min)	391	422	401	405

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 3.8 kW/m²

MEAN SMOKE DEVELOPMENT RATE 405 percent-minutes

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

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 21 Jul 2015

Performance & Approvals
Testing No. 15393
Accredited for compliance with ISO/IEC 17025.

Clause 9 of AS/ISO 9239 Part 1

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

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