

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

TEST REPORT No. 159269

LABORATORY REF: P159269

CUSTOMER REFERENCE

ATLANTIC

Sample description as provided by customer

Mass/unit area **1088 g/m²**
Construction Details **Tufted** Secondary Backing **Jute**
Style **Cut Pile Twist**

Order No. **BS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Cedar**
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 **Oct 2015**

Test Date **14 Oct 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP CARPETMATE STANDARD

The UNDERLAY used was **DUNLOP CARPETMATE STANDARD**.

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 **2.1kW/m²**
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.1	2.0	2.4	2.2
Smoke Development Rate (%.min)	291	285	256	277

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 2.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 277 percent-minutes

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



M. B. Webb
Technical Manager
DATE: 14 Oct 2015



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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