

Att MS Joy Eason  
QUEST CARPETS  
45-55, Mark Anthony Drive, Dandenong Vic 3175

TEST REPORT No. 072040

LABORATORY REF: P072040

CUSTOMER REFERENCE

## ATLANTIC

Sample description as provided by customer  
Mass/unit area **32 ozJyd<sup>2</sup> 1088 g/m<sup>2</sup>** Pile Fibre Content **100% SOLTION DYED NYLON**  
Construction Details **Tufted** Secondary Backing **Jute**  
Style **TWIST PILE**

Order No./

Colour **Fawn**

Pile Height 7.5 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 C 1.10a of the Building Code of Australia.**

*Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.*

The test results 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 in use. Clause 9 of AS/ISO 9239 Part 1

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **15/4/2007**

Test Date **5/5/2007**

## ASSEMBLY SYSTEM OVER UNDERLAY details below.

The UNDERLAY used was **BRIDGESTONE AIRSTEP PERMIUM GOLD.**

Substrate : **Non-combustible**

Substrate - **6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.**

Sample Cleaned as Specified in ISO 11379.1997

Initial Test Specimen 1 Length Direction Critical Radiant Flux **4.1 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.8 kW/m<sup>2</sup>**  
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>2.8</b>	<b>2.4</b>	<b>2.9</b>	<b>2.7</b>
Smoke Development Rate (%.min)	<b>312</b>	<b>256</b>	<b>278</b>	<b>282</b>

*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.*

### MEAN CRITICAL RADIANT FLUX 2.7 kW/m<sup>2</sup>

### MEAN SMOKE DEVELOPMENT RATE 282 %.min

OBSERVATIONS The **samples shrunk away from the heat source then ignited**

	Authorised Signatory <b>Mj.B. Webb</b>
	Date <b>6/5 /2007</b>
ACCREDITED FOR <b>TECHNICAL COMPETENCE</b>	NATA Reg. No. 15393 Heat and temperature measurement.

PAGE 1 of 2

Page 2 only shows the time required in seconds for the flame front to reach each time marker, the total test time and the CHF value at 30 minutes (if applicable).

*The laboratory allows the use of this page of the report without the use of page 2.*

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