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

TEST REPORT No. 158899

LABORATORY REF: P158899

CUSTOMER REFERENCE

WYNDHAM

Sample description as provided by customer
Mass/unit area **42** oz/yd² **1423** g/m²
Construction Details **Tufted** Secondary Backing **Jute**
Style **Cut Pile Twist**
REF 11/6265B B 4646

Order No. **BS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Cedar Plank**
Pile Height **8** mm

TEST METHOD ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)

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 10 (o) of ISO 9239-1:2010.

Conditioning as specified in BS EN 13238.2001
Sample submitted Date **Apr 2015** Test Date **03 May 2015**

ASSEMBLY SYSTEM: OVER UNDERLAY SLEEPYHEAD 10mm 90Kg.

The UNDERLAY used was SLEEPYHEAD 10mm 90Kg.

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

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	2.3	3.1	2.9	2.8

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

MEAN CRITICAL RADIANT FLUX 2.8 kW/m²

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: 03 May 2015

Performance & Approvals
Testing No. 15393
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Clause 10 (o) of ISO 9239-1:2010

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

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TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	239	241	280	322	369	403	458	494	583	825	1217	2466	3093	/				
2	217	218	292	323	340	415	435	494	541	679	1158	/						
3	219	221	279	348	416	442	477	501	683	821	1283							

TESTS **BURNING CHARACTERISTICS**

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)
Initial Test: **Length**	**530**	**2,993**
Specimen Tests: **Width**		
1	615	3,424
2	520	1,491
3	540	1,674
Mean	564	2,196

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

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The laboratory does not allow the use of this page of the report without the use of page 1.
This page alone has no validity under Clause 10 (o) of ISO 9239-1:2010
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