

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

TEST REPORT No. 158874A
LABORATORY REF: P158874A

CUSTOMER REFERENCE
DJ 46oz LOW PROFILE

Sample description as provided by customer
Mass/unit area **46 oz/yd² 1560 g/m²**
Construction Details **Tufted Secondary Backing Jute**
Style **Cut Pile Twist**

Order No. **BS**
Pile Fibre Content **100% SOLUTION DYED NYLON**
Colour **Fawn**
Pile Height **7 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 **Mar 2015**

Test Date **14/4/2015**

ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) DUNLOP DB5.

The underlay used was **DUNLOP DB5** it was adhered to the substrate using **DUNLOP PRIME & PEEL** adhesive. The floor covering was adhered to the underlay using **DUNLOP ULTRA BOND** adhesive.

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 **2.4 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **2.4 kW/m²**
Full tests carried out in the **Length** Direction


| SPECIMEN | Length #1 | Length #2 | Length #3 | Mean |
|--|------------|------------|------------|------------|
| Critical Radiant Flux (kW/m ²) | 2.4 | 2.3 | 2.3 | 2.3 |
| Smoke Development Rate (%.min) | 397 | 398 | 382 | 392 |


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 **2.3 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **392 percent-minutes**

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

**M. B. Webb**
Technical Manager
DATE: 14/4/2015
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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