

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 Specimen 1 Width Direction

Critical Radiant Flux 2.4 kW/m² Critical Radiant Flux 2.4 kW/m²

Full tests carried out in the

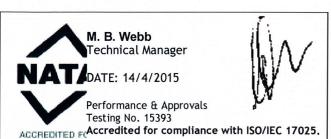
Length Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m²)	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 A.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.



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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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