



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

TEST REPORT No. 161755
 LABORATORY REF: P161755

CUSTOMER REFERENCE
CROSSLEY TWIST

Sample description as provided by customer
 Pile weight mass/unit area **48 oz/yd² 1630 g/m²**
 Construction Details **Tufted** Secondary Backing **Jute**
 Style **Cut Pile Twist**

Order No. **BS**
 Pile Fibre Content **100% SOLUTION DYED NYLON**
 Colour **Cream**
 Pile Height **9/10 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 **Nov 2016** Test Date **17 Nov 2016**

ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEPMAX.

The UNDERLAY used was **AIRSTEP STEPMAX.**

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 **2.9 kW/m²**
 Specimen 1 Width Direction Critical Radiant Flux **2.7 kW/m²**
 Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	2.7	2.6	2.9	2.7
Smoke Development Rate (%.min)	341	333	359	344

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 2.7 kW/m²

MEAN SMOKE DEVELOPMENT RATE 344 percent-minutes

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



M. B. Webb
 Technical Manager
 DATE: 17 Nov 2016



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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