

Att Mr Alastair Reed  
m/s Dunlop Flooring  
183-187 Newton Rd Weheril Park NSW 2164

TEST REPORT No. 125549

LABORATORY REF: P125549

CUSTOMER REFERENCE

**TULLIBROOK**

Sample description as provided by customer  
Mass/unit area **50 oz/yd<sup>2</sup> 1627 g/m<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Jute**  
Style **Cut Pile**

Order No. **AR**  
Pile Fibre Content **80% WOOL & 20% SYNTHETIC**  
Colour **BROWN**  
Pile Height **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 C1.10a 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 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 in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **March 2012**

Test Date **03 Apr 2012**

## **ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP STANDARD CARPETMATE**

The UNDERLAY used was **DUNLOP STANDARD CARPETMATE**.

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 **2.6 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.6kW/m<sup>2</sup>**  
Full tests carried out in the **Length** Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>2.6</b>	<b>2.4</b>	<b>3.1</b>	<b>2.7</b>
Smoke Development Rate (%.min)	<b>231</b>	<b>226</b>	<b>266</b>	<b>241</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/Extinguishment (BCA General Provisions A1.1).

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

**MEAN SMOKE DEVELOPMENT RATE 241 percent-minutes**

OBSERVATIONS: The samples singed, ignited and burnt.



M. B. Webb  
Technical Manager

DATE: 03 Apr 2012

ACCREDITED FOR  
TECHNICAL  
COMPETENCE

Measurement Science &  
Technology No. 15393  
Accredited for compliance with ISO/IEC 17025.

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This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

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

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