

m/s Belgotex Australia  
Unit 4 13-15 Fishermans Rd, KULUIN Queensland 4558  
Attn: Mr Paul Sommerville

TEST REPORT No. 169767  
LABORATORY REF: P169767

CUSTOMER REFERENCE  
**KENSINGTON**

Sample description as provided by customer  
Vinyl Planks 184.2mm x 1219.2mm x 5mm Colour Bleached Oak

Order No. PS

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 2016

Test Date 21 Mar 2016

## ASSEMBLY SYSTEM: LOOSE LAID (Details Below)

Floor covering loose laid over the substrate without underlay or adhesive. Clause 5.3 of AS/ISO 9239 ALLOWS THIS TO REPRESENT AN ADHESIVE ONLY SYSTEM.

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 9.6 kW/m<sup>2</sup>  
Specimen 1 Width Direction Critical Radiant Flux 9.4 kW/m<sup>2</sup>  
Full tests carried out in the Width Direction



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	9.4	9.6	9.6	9.5
Smoke Development Rate (%.min)	149	119	141	136

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 9.5 kW/m<sup>2</sup>

### MEAN SMOKE DEVELOPMENT RATE 136 percent-minutes

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

 ACCREDITED FOR <b>TECHNICAL COMPETENCE</b>	<b>M. B. Webb</b> Technical Manager	
	DATE: 21 Mar 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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