

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

TEST REPORT No. 169767NZ
LABORATORY REF: P169767NZ

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 ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)

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 10 (o) of ISO 9239-1:2010.

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/m²**
Specimen 1 Width Direction Critical Radiant Flux **9.4 kW/m²**
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	9.4	9.6	9.6	9.5

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

MEAN CRITICAL RADIANT FLUX 9.5 kW/m²

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

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 21 Mar 2016 Performance & Approvals Testing No. 15393 Accredited for compliance with ISO/IEC 17025.	

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Clause 10 (o) of ISO 9239-1:2010

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

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TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	238	239	413	509	/													
2	191	192	409	547	/													
3	223	225	355	497	/													

TESTS

BURNING CHARACTERISTICS

SMOKE PRODUCTION

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)
Initial Test: Length	180	752	29	138
Specimen Tests: Width				
1	190	809	31	149
2	180	753	29	119
3	180	732	27	141
Mean	183	765	29	136



ACCREDITED FOR
**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 21 Mar 2016

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The laboratory does not allow the use of this page of the report without the use of page 1.
This page alone has no validity under Clause 9 of AS/ISO 9239 Part 1
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