

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	20 FEB	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)		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.



TECHNICAL

M. B. Webb Technical Manager

DATE: 21 Mar 2016

Performance & Approvals Testing No. 15393

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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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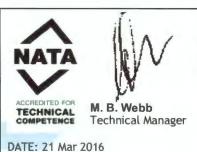
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TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

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

TESTS BURNING CHARACTERISTICS SMOKE PRODUCTION

ILOIO	DURNING CHARAC	TENISTICS	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	8						
1	190	809	31	149			
2	180	753	29	119			
3	180	732	27	141			
Mean	183	765	29	136			



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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 $\,$ 2004 04 09 4038 21 March 2016