

m/s Advantage Flooring

16 Gibbs St, Arundel Qld 4214

Lynda

LABORATORY TEST REPORT P172221

Order No. Lynda

TRIOFLOR Luxury Vinyl Plank Thickness 5 mm

Sample description as provided by customer

LVT Total Thickness 5.0 mm Wear Layer 0.5 mm Dimensions 228.6 mm x 1219.2 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 the Building Code of Australia (BCA) and National Construction Code 2015 (NCC) specifications C1.10. Sample conditioning as specified in BS EN 13238.2010.

Sample Submitted Date Jul 2017

Test Date 19 Jul 2017

Total Thickness mm

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 - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring. The Holding Torque on Specimen Frame was 2Nm.

The standard requires two Initial Tests be conducted on samples mounted in both Length and Width directions. Two further samples are then tested in whichever direction has the lowest Critical Radiant Flux.

Initial Tests: Length Direction Critical Radiant Flux 9.9 kW/m² Width Direction Critical Radiant Flux 9.6 kW/m²

	Specimen Tests conducted in the Width Direction										
	Specimen #1	Specimen #2	Specimen #3	Mean							
Critical Radiant Flux (kW/m ²)	9.6	9.8	9.6	9.7							
Smoke Development Rate (%.min)	138	129	146	138							

The values quoted below are as required by BCA and NCC Specification C1.10 Fire Hazard Properties (Floors). The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

Mean Critical Radiant Flux 9.7 kW/m²

Mean Smoke Development Rate 138 %.min

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

AS.ISO 9239.1 Clause 9(o) The test results 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.

All information required for compliance with the BCA and NCC is given on this test report page.

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(v5-0, 11/03/2017)



M. B. Webb **Technical Manager**

DATE: 19 Jul 2017

TECHNICAL

Performance & Approvals Accreditation No. 15393 COMPETENCE Accredited for compliance with ISO/IEC 17025.

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LABORATORY TEST REPORTThe information provided on this page of the test report is for the Sponsors Use Only and will meet the requirements of the standard.Page 2 of 2P172221This page is Not Required and has No Validity under Specification C1.10 Fire Hazard Properties (Floors) of the BCA and NCC 2015.
The laboratory does not allow the use of this page of the report without the use of page 1.Page 2 of 2

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	203	204	341	496	1													
2	230	231	355	467	1													
3	279	280	407	456	1													

TESTS	BURNING CHARA	CTERISTICS		SMOKE PRODUCT					
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)		Burn Out		Maximum Light Attenuation (%)		Smoke Development Rate (%.min)	Ň
Initial Test: Length	180		749	26		127			
Specimen Tests: Width									
1	200		816	27		138	COM		
2	190		777	31		129	DATE Perfo		
3	200		757	32		146	Accre Accre		
Mean	197		783	30		138	with l		



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