

CUSTOMER REFERENCE

OMNISPORTS SPEED

Sample description as provided by customer

Heterogeneous Vinyl Flooring Total Weight /m² 3295g Total Thickness 3.45 mm Wear Layer Thickness 0.65 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 C1.10 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 **Sept 2014**

Test Date **22 Sep 2014**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **Water Based Surface Contact Adhesive as recommended by m/s Tarkett**

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 **5.6 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **6.2 kW/m²**
Full tests carried out in the **Length** Direction



SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	5.6	6.6	6.8	6.3
Smoke Development Rate (%.min)	198	220	181	200

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 **6.3 kW/m²**

MEAN SMOKE DEVELOPMENT RATE **200 percent-minutes**

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

	M. B. Webb Technical Manager	
	DATE: 22/9/2014	
	Performance & Approvals Testing No. 15393	
	Accredited for compliance with ISO/IEC 17025.	

PAGE 1 of 2

Clause 9 of AS/ISO 9239 Part 1

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	125	127	129	131	134	139	161	247	/									
2	126	128	136	144	155	202	242	/										
3	126	127	129	133	147	162	200	/										

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: Width	340	726	98	204
Specimen Tests: Length				
1	370	726	99	198
2	320	735	97	220
3	310	722	98	181
Mean	333	728	98	200



NATA
ACCREDITED FOR
**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 22 Sep 2014

Performance and Approvals
Testing No. 15393
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with ISO/IEC 17025.**

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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