

CUSTOMER REFERENCE  
**ECLIPSE PREMIUM**

Sample description as provided by customer

**Homogeneous Vinyl Flooring Total Thickness 2.0 mm Wear Thickness 2.0 mm Total Weight/m<sup>2</sup> 3000g**

**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 **Jul 2014**

Test Date **01 Aug 2014**

**ASSEMBLY SYSTEM: DIRECT STICK** (Details Below).

The floor covering was directly stuck to the substrate using **VINYL ADHESIVE** as Recommended by m/s Tarkett adhesive.

**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 **10.5 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **11.2 kW/m<sup>2</sup>**  
Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>10.5</b>	<b>10.7</b>	<b>11.2</b>	<b>10.8</b>
Smoke Development Rate (%.min)	<b>37</b>	<b>55</b>	<b>25</b>	<b>39</b>

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 10.8 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 39 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 1/8/2014

Performance & Approvals  
Testing No. 15393  
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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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**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	256	258	285	/														
2	260	261	323	/														
3	176	178	/															

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: <b>Width</b>		80	745	18	28
Specimen Tests: <b>Length</b>					
1		120	737	28	37
2		110	724	33	55
3		80	750	16	25
Mean		103	737	26	39



**NATA**

ACCREDITED FOR  
**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

DATE: 01 Aug 2014

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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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