

m/s Golden Elite Group Pty Ltd  
 Attn: Mr Yang Qing General Manager  
 Unit 2-231 Holt Street Pinkenba Queensland 4008

TEST REPORT No. 161703

LABORATORY REF: P161703

CUSTOMER REFERENCE  
**BAMBOO 14 mm**

Sample description as provided by customer

Order No. QY

**Bamboo Flooring Dimensions 135 mm X 1850 mm with a Thickness of 14 mm 1 Layer UV ANTI-SCRATCH TOP COATING**

**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 **Oct 2016**

Test Date **09 Nov 2016**

**ASSEMBLY SYSTEM: OVER UNDERLAY Premium Acoustic Underlay.**

The UNDERLAY used was **Premium Acoustic Underlay.**

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 **5.8 kW/m<sup>2</sup>**  
 Specimen 1 Width Direction Critical Radiant Flux **5.7 kW/m<sup>2</sup>**  
 Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>5.7</b>	<b>5.3</b>	<b>5.7</b>	<b>5.6</b>
Smoke Development Rate (%.min)	<b>5</b>	<b>3</b>	<b>4</b>	<b>4</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 5.6 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 4 percent-minutes**


OBSERVATIONS: **The samples singed, ignited and burnt a short distance.**



**M. B. Webb**  
 Technical Manager

DATE: 09 Nov 2016

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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	222	223	337	434	586	862	936	1134	/									
2	227	228	357	490	611	876	1012	1226	/									
3	225	226	362	501	643	702	815	1095										

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>Length</b>		365	1,183	2	5
Specimen Tests: <b>Width</b>					
1		370	1,264	2	5
2		390	1,797	3	3
3		370	1,193	2	4
<b>Mean</b>		377	1,399	2	4

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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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