

CUSTOMER REFERENCE
DAVENPORT/PENNINSULA

Sample description as provided by customer
 LVT Dimensions 184.2 mm x 1219.2 mm x 3 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 **Jun 2015** Test Date **19 Jun 2015**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **Adhesive as Recommended by m/s BELGOTEX FLOORCOVERINGS**

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/m²**
 Specimen 1 Width Direction Critical Radiant Flux **11.2 kW/m²**
 Full tests carried out in the **Length** Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	10.5	10.5	10.5	10.5
Smoke Development Rate (%.min)	70	77	73	73

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 10.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 73 percent-minutes

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



M. B. Webb
 Technical Manager

DATE: 19 Jun 2015

Performance & Approvals
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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	348	350	468	/														
2	240	242	364	/														
3	319	320	359	/														

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	80	730	21	47
Specimen Tests: Length				
1	120	724	25	70
2	120	749	29	77
3	120	822	26	73
Mean	120	765	27	73



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

M. B. Webb
Technical Manager

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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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