

CUSTOMER REFERENCE

VANCOUVER 02 Carpet Tile

Sample description as provided by customer

Mass/unit area

Construction Details **Tufted** Secondary Backing **Tile**

Style **High and Low Loop**

The Sample Tested was **Modular Carpet**

Order No. **WR**

Pile Fibre Content **100% SOLUTION DYED NYLON**

Colour **Charcoal/Fawn**

Pile Height 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 **Jan 2018**

Test Date

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **Water Based Surface Contact** 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 kW/m²
Specimen 1 Width Direction Critical Radiant Flux **2.5** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	(none) #2	(none) #3	Mean
Critical Radiant Flux (kW/m ²)	2.5			2.5
Smoke Development Rate (%.min)	256			256

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 2.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 256 percent-minutes

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

GUIDANCE TEST ONLY -

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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	241	243	302	382	469	508	781	927	1163	1685	2026	/						
2																		
3																		

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: (none)					
Specimen Tests: Width					
1		580	2,569	41	256
2					
3					
Mean		580	2,569	41	256

GUIDANCE
TEST ONLY -

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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