

CUSTOMER REFERENCE
WPC

Sample description as provided by customer
Dimensions 178 mm X 1240 mm With a Thickness 7 mm

Order No. QY

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 10.1 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 10.5 kW/m²
Full tests carried out in the Length Direction



SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	10.1	10.1	10.3	10.2
Smoke Development Rate (%.min)	110	141	98	116

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 10.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 116 percent-minutes

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

 ACCREDITED FOR TECHNICAL COMPETENCE	M. B. Webb Technical Manager	
	DATE: 09 Nov 2016	
	Performance & Approvals Testing No. 15393	
	Accredited for compliance with ISO/IEC 17025.	

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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	128	129	172	209	/													
2	146	147	195	253	/													
3	167	169	178	201	/													

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		150	736	43	113
Specimen Tests: Length					
1		170	793	42	110
2		170	742	44	141
3		160	656	37	98
Mean		167	730	41	116



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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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