

CUSTOMER REFERENCE
ROCKEFELLER

Sample description as provided by customer

Order No. V

Mass/unit area 1750 g/m²

Pile Fibre Content 100% SOLUTION DYED NYLON

Construction Details Tufted Secondary Backing ACTION FLEECE

Colour Brown

Style Cut Pile

Pile Height / mm

The Samples Secondary Backing was ACTION FLEECE

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 May 2016

Test Date 23 Jun 2016

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **Roberts 95** 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 9.0 kW/m²
 Specimen 1 Width Direction Critical Radiant Flux 9.0 kW/m²
 Full tests carried out in the Length Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	9.0	8.5	8.6	8.7
Smoke Development Rate (%.min)	22	31	34	29

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 8.7 kW/m²

MEAN SMOKE DEVELOPMENT RATE 29 percent-minutes


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



M. B. Webb
 Technical Manager

DATE: 23 Jun 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	266	268	632	1262	1600	/												
2	405	407	563	1287	1917	/												
3	352	402	719	1249	1805													

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	210	1,592	10	34
Specimen Tests: Length				
1	210	1,612	8	22
2	235	2,197	8	31
3	225	1,953	11	34
Mean	223	1,921	9	29



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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