

CUSTOMER REFERENCE
CAPTURE TILE

Sample description as provided by customer
Mass/unit area 16 oz/yd² / g/m² Pile Fibre Content 100% SOLUTION DYED NYLON
Construction Details Tufted Secondary Backing TILE BACKING BITUMEN Colour 790
Style Loop Pile Pile Height 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 C1.10a of the Building Code of Australia.

Tested in accordance with the Carpet Institute Code of Practice for AS/ISO 9239 Testing Version 10 / 0805.

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 in use. Clause 9 of AS/ISO 9239 Part 1.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date 14/5/2010 Test Date 26/5/2010

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using GHM GS 444 adhesive.

Substrate : Non-combustible
Substrate - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.
Sample Cleaned as Specified in ISO 11379.1997. The Holding Torque on Specimen Frame was 2Nm.

Initial Test Specimen 1 Length Direction Critical Radiant Flux 8.3 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 6.3 kW/m²
Full tests carried out in the Width Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	6.3	6.9	7.5	6.9
Smoke Development Rate (%.min)	448	441	234	374

The values quoted below are as required by Specification C1.10a 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 6.9 kW/m²

MEAN SMOKE DEVELOPMENT RATE 374 percent-minutes


OBSERVATIONS The samples shrunk away from the heat source, ignited, then burnt.



M. B. Webb
Technical Manager

DATE: 26/5/2010

Measurement Science & Technology No. 15393
This document is issued in accordance with NATA's accreditation requirements.



PAGE 1 of 2

This Page (1) has been designed to show the values required under Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

The values on Page 2 have no relevance to the Code.

1004 04 09

TEST REPORT No. 104087
LABORATORY REF: P104087

THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER CLAUSE C1.10A OF THE BUILDING CODE OF AUSTRALIA


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	200	202	252	289	329	433	482	0	/									
2	217	218	291	349	408	529	582	/										
3	167	169	241	373	398	491												

TESTS

Specimen	Initial Test: Length	Specimen Tests: Width	SMOKE PRODUCTION		BURNING CHARACTERISTICS		
			Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn-Out (s)	
1			32		175		887
2			82		448		773
3			82		441		1,047
Mean			72		234		770
			79		374		863

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 specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.
2004 04 09 5962 26 May 2010



ACCREDITED FOR
TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 26/5/2010

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