

CUSTOMER REFERENCE

STRIKE & STRIKEOUT COMFI BAK

Sample description as provided by customer
 Mass/unit area **24 oz/yd² 816 g/m²**
 Construction Details **Tufted** Secondary Backing **Tile backing**
 Style **Loop Pile**
The Samples Tested Were Modular Carpet

Order No. **PO106485**
 Pile Fibre Content **100% ANTRON NYLON**
 Colour **Charcoal Shades**
 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 **Sep 2015** Test Date **09 Sep 2015**

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 **8.7 kW/m²**
 Specimen 1 Width Direction Critical Radiant Flux **8.6 kW/m²**
 Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	8.6	8.6	8.4	8.5
Smoke Development Rate (%.min)	163	159	160	161

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 8.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 161 percent-minutes


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



M. B. Webb
 Technical Manager

DATE: 09 Sep 2015

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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	204	205	308	411	537	/												
2	280	282	398	444	464	/												
3	272	274	376	424	469	/												

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: Length		225	741	41	159
Specimen Tests: Width					
1		230	729	43	163
2		230	750	44	159
3		240	740	41	160
Mean		230	740	43	161



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COMPETENCE**



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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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