



MS Sue Schultz
m/s Beaulieu of Australia
64 Lahrs Rd, Ormeau Q/ld 4208

TEST REPORT No. 000880B

LABORATORY REF: P060880B

CUSTOMER REFERENCE
BATTERY POINT

Sample description as provided by customer

Order No. **9785**

Mass/unit area **28 oz/yd² 950 g/m²** Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**

Construction Details **Tufted** Secondary Backing **Synthetic**

Colour **Blue**

Style **Level Loop**

Pile Height **5.00** 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 results 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 **October 2006.**

Test Date **18/12/2006.**

ASSEMBLY SYSTEM DIRECT STICK details below.

The floor covering was directly stuck to the substrate using ROBERTS 95SF adhesive.

Substrate : Non-combustible

Substrate – 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.

Sample Cleaned as Specified in ISO 11379.1997

Initial Test Specimen 1 Length Direction Critical Radiant Flux 7.2 kW/m²
Specimen 1 Width Direction Critical Radiant Flux 7.4 kW/m²
Full tests carried out in the Length direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	7.2	7.4	7.2	7.3
Smoke Development Rate (%.min)	101	40	90	77

The values quoted below are as required by Specification C1.10a Fire Hazard Properties (Floors) of the Building Code of Australia.

MEAN CRITICAL RADIANT FLUX 7.3kW/m²

MEAN SMOKE DEVELOPMENT RATE 77percentage-minutes

OBSERVATIONS **The samples melted away from the heat source then ignited**



Authorised Signatory **M. B. Webb**
Date **18/12/2006**

M. B. Webb

ACCREDITED FOR **TECHNICAL COMPETENCE**
NATA Reg. No. 15393
Heat and temperature measurement.

PAGE 1 of 2

Page 2 only shows the time required in seconds for the flame front to reach each time marker, the total test time and the CHF value at 30 minutes (if applicable).

The laboratory allows the use of this page of the report without the use of page 2.

1001 01 06

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

TEST REPORT No. 880
LABORATORY REF: P060880B

Pyrometer temperature
On calibration 528.7°C
Start of test run 527.3
End of test run 531.2

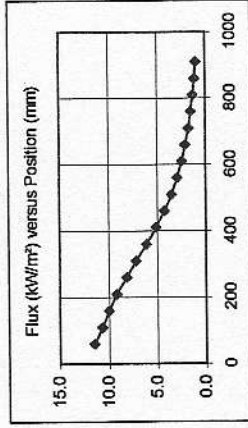
Chamber temperature
On calibration 91.0°C
Start of test run 89.6
End of test run 88.3

Clause 7.2.2 AS/ISO 9239 The pyrometer should be $\pm 5^\circ$ of calibration temperature.
The Chamber temperature should be $\pm 10^\circ$ of calibration temperature
The Holding Tension on Specimen Frame was 1 Nm

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	139	185	298	445	609	803	1082	/										
2	138	204	327	466	634	726	/											
3	142	177	288	329	498	699	/											

FLUX CALIBRATION: FLX060003



TESTS

BURNING CHARACTERISTICS

Specimen	SMOKE PRODUCTION				BURNING CHARACTERISTICS			
	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	Burn Length at Flame Out (mm)	Time To Burn Out (s)	Critical Heat Flux at 30min (kW/m²)	Time To Burn Out (s)	Burn Length at Flame Out (mm)	Critical Heat Flux at 30min (kW/m²)
Initial Test: Width	17	86	299	1,309	0.0			
Specimen Tests: Length								
1	17	101	310	1,326	(n/a)			
2	16	40	300	1,262	(n/a)			
3	17	90	309	1,178	(n/a)			
Mean	17	77	306	1,255				



ACCREDITED FOR
TECHNICAL
COMPETENCE

NATA Reg. No. 15393

Heat and temperature measurement.

Authorised Signatory

M. B. Webb

Date 18/12/2006



PAGE 2 of 2

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.

2001 01 06