

CUSTOMER REFERENCE
MEDALLION

Sample description as provided by customer

Mass/unit area **26 oz/yd²**
Construction Details **Tufted** Secondary Backing **Synthetic**
Style **Multi Level Loop**

Order No. **Sue**
Pile Fibre Content **100% RESISTAIN SOLUTION DYED NYLON**
Colour **Fawn**
Pile Height **3/5 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 **Mar 2015**

Test Date **31/3/2015**

ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) (Details Below).

The underlay used was **AIRSTEP SENSI SLAB** it was adhered to the substrate using **ROBERTS 656** adhesive. The floor covering was adhered to the underlay 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 **1.9 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **1.8 kW/m²**
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	1.8	2.5	2.3	2.2
Smoke Development Rate (%.min)	410	398	359	389

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 2.2 kW/m²

MEAN SMOKE DEVELOPMENT RATE 389 percent-minutes


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



M. B. Webb
Technical Manager

DATE: 31/3/2015

Performance & Approvals
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PAGE 1 of 2

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	202	203	257	279	309	354	411	505	840	1345	1828	2362	3023	3582				
2	197	198	261	277	302	327	359	441	669	1134	1460	1926						
3	183	184	269	268	319	339	377	483	792	1259	1530	2541						

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	65	352	680	3,152
Specimen Tests: Width				
1	73	410	690	4,129
2	81	398	591	3,222
3	84	359	614	3,184
Mean	79	389	631	3,511



NATA
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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