m/sTuftmaster Carpets Pty Ltd
13 Cope St,Preston Victoria 3072
Attn: Mr John Roberts

TEST REPORT No. 161611

LABORATORY REF: P161611

CUSTOMER REFERENCE

SOFT APPEAL

Sample description as provided by customer Order No. **JR**

Pile weight mass/unit area **2033** g/m² Pile Fibre Content **100% SOFTMORE SOLUTION DYED NYLON**

Construction Details **Tufted** Secondary Backing **Jute** Colour **Charcoal**

Style **Cut Pile Twist** 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 2016** Test Date **09 Sep 2016**

ASSEMBLY SYSTEM: OVER UNDERLAY DUNLOP SUPERGREEN.

The UNDERLAY used was DUNLOP SUPERGREEN.

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 **3.8** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **4.1** kW/m²
Full tests carried out in the **Length** Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m²)	3.8	3.5	3.8	3.7
Smoke Development Rate (%.min)	307	383	328	339

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 3.7 kW/m²

MEAN SMOKE DEVELOPMENT RATE 339 percent-minutes

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

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 09 Sep 2016

Performance & Approvals
Testing No. 15393
Accredited for compliance with ISO/IEC 17025.

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	258	260	296	340	359	396	514	795	1027	1170	/							
2	251	253	327	370	462	479	571	652	785	1036	/							
3	230	232	341	424	495	584	691	831	1013	1320	/							

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**	450	1,303	63	295
Specimen Tests: **Length**				
1	470	1,471	67	307
2	490	1,679	61	383
3	470	1,658	60	328
Mean	477	1,603	63	339

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 09 Sep 2016

Performance and Approvals Testing No. 15393
Accredited for compliance with ISO/IEC 17025.

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
2004 04 09 16762 9 September 2016