

Attn Mr Chris Leach m/sTuftmaster Carpets Pty Ltd 13 Cope St, Preston Victoria 3072 LABORATORY TEST REPORT P172446

SILKEN TONE

Sample description as provided by customer Pile weight mass/unit area 1220 g/m² Construction Details Tufted Secondary Backing Jute Style Cut Pile

Order No. 44039 Pile Fibre Content 100% BCF NYLON Colour Grey Pile Height 8.0 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 the Building Code of Australia (BCA) and National Construction Code 2015 (NCC) specifications C1.10. Sample conditioning as specified in BS EN 13238.2010.

Sample Submitted Date Oct 2017

Test Date 27 Oct 2017

Total Thickness

mm

Assembly System: OVER UNDERLAY DUNLOP GOVERNMENT RED.

The UNDERLAY used was DUNLOP GOVERNMENT RED.

Substrate: Non-Combustible - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring. The Holding Torque on Specimen Frame was 2Nm.

The standard requires two Initial Tests be conducted on samples mounted in both Length and Width directions. Two further samples are then tested in whichever direction has the lowest Critical Radiant Flux.

Initial Tests: Length Direction Critical Radiant Flux 3.4 kW/m² Width Direction Critical Radiant Flux 3.3 kW/m²

	Specimen Tests conducted in the Width Direction									
	Specimen #1	Specimen #2	Specimen #3	Mean						
Critical Radiant Flux (kW/m²)	3.3	3.1	3.3	3.2						
Smoke Development Rate (%.min)	259	298	266	274						

The values quoted below are as required by BCA and NCC Specification C1.10 Fire Hazard Properties (Floors). The Critical Radiant Flux quoted is the value at Flame-Out/Extinguishment (BCA General Provisions A1.1).

Mean Critical Radiant Flux 3.2 kW/m²

Mean Smoke Development Rate 274 %.min

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

AS.ISO 9239.1 Clause 9(o) 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. All information required for compliance with the BCA and NCC is given on this test report page.

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(v5-0, 11/03/2017)



Technical Manager DATE: 27 Oct 2017

Performance & Approvals ACCREDITED FOR Accreditation No. 15393 TECHNICAL



COMPETENCE Accredited for compliance with ISO/IEC 17025.

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LABORATORY TEST REPORTThe information provided on this page of the test report is for the Sponsors Use Only and will meet the requirements of the standard.Page 2 of 2P172446This page is Not Required and has No Validity under Specification C1.10 Fire Hazard Properties (Floors) of the BCA and NCC 2015.
The laboratory does not allow the use of this page of the report without the use of page 1.Page 2 of 2

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	172	173	205	231	259	295	329	418	580	926	1633	1						
2	162	163	185	196	214	259	342	423	587	856	1232	1						
3	172	173	201	228	265	305	369	483	619	905	1399							

TESTS	BURNING CHARAC	CTERISTICS	SMOKE PRODUCT		
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)	NAT
Initial Test: Length	510	1,583	65	273	
Specimen Tests: Width					
1	520	1,769	66	259	DATE: 27.0
2	530	1,983	59	298	Performance
3	520	1,805	61	266	Accreditation
Mean	523	1,852	62	274	with ISO/IEC



2004 04 09 9840 27 October 2017

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