Tarkett Australia Pty Ltd
16 Anella Ave Castle Hill NSW 2154

TEST REPORT No. 161835

LABORATORY REF: P161835

CUSTOMER REFERENCE

TRAVERSE EcoBase

Sample description as provided by customer Order No. **AW**
Pile weight mass/unit area **19.9** oz/yd² Pile Fibre Content **100% SOLUTION DYED NYLON**
Construction Details **Tufted** Secondary Backing **Desso EcoBase** Colour **Various**
Style **Structured Loop Pile** Pile Height **4.6** mm
The Samples Tested Were Modular Carpet Dimensions 100 cm X 25 cm

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 **Dec 2016** Test Date **04 Jan 2017**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using As Recommended by m/s TARKETT 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 **3.7** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **3.5** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	3.5	3.5	3.5	3.5
Smoke Development Rate (%.min)	350	348	393	364

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 3.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 364 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: 04 Jan 2017

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

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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	271	273	350	496	565	709	813	1135	1185	1618	/							
2	230	231	360	401	517	661	780	932	1291	1517	/							
3	250	251	316	358	389	447	480	647	956	1124	/							

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**	490	1,996	42	317
Specimen Tests: **Width**				
1	500	2,153	43	350
2	500	1,927	41	348
3	500	1,770	61	393
Mean	500	1,950	48	364

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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