Tarkett Australia Pty Ltd
Suite 1,Level 3, 3 Columbia Court,NSW 2153 Australia
Attn: MS Amanda Wood

TEST REPORT No. 169726

LABORATORY REF: P169726

CUSTOMER REFERENCE

SAFETRED UNIVERSAL

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

Slip Resistant Heterogeneous Vinyl Flooring Thickness 2.0mm Wear 0.8 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 2016** Test Date **14 Oct 2016**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using VINYL 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 **8.7** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **7.9** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	7.9	9.2	8.7	8.6
Smoke Development Rate (%.min)	89	70	91	83

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 8.6 kW/m²

MEAN SMOKE DEVELOPMENT RATE 83 percent-minutes

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

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 14 Oct 2016

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	131	132	139	145	499	800	/											
2	139	139	196	230	/													
3	225	227	241	290	381	/												

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**	225	811	58	81
Specimen Tests: **Width**				
1	260	819	79	89
2	200	759	49	70
3	225	1,080	64	91
Mean	228	886	64	83

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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