m/s Tarkett Australia Pty Ltd.
16 Anella Avenue Castle Hill NSW 2154
Attn MS Maria Barreto-Tilman

TEST REPORT No. 148263

LABORATORY REF: P148263

CUSTOMER REFERENCE

GRANIT MULTISAFE

Sample description as provided by customer

Homogeneous Vinyl Flooring with Studded Surface Total Thickness 2.5 mm Wear Layer Thickness 2.0 mm Total Weight/m² 3010g

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 **Jul 2014** Test Date **01 Aug 2014**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using VINYL ADHESIVE 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 **10.9** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **10.7** kW/m²
Full tests carried out in the **Width** Direction

SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m²)	10.7	10.7	10.9	10.8
Smoke Development Rate (%.min)	17	12	14	14

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 10.8 kW/m²

MEAN SMOKE DEVELOPMENT RATE 14 percent-minutes

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

NATA ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 1/8/2014

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	407	409	635	/														
2	248	250	/															
3	194	196	/															

TESTS

Specimen	BURNING CHARACTERISTICS: Burn Length (mm) at Flame Out/ Extinguishment	BURNING CHARACTERISTICS: Time To Burn Out (s)	SMOKE PRODUCTION: Maximum Light Attenuation (%)	SMOKE PRODUCTION: Smoke Development Rate (%.min)
Initial Test: **Length**	**100**	**767**	**21**	**32**
Specimen Tests: **Width**				
1	110	722	16	17
2	110	757	6	12
3	100	721	11	14
Mean	107	733	11	14

NATA
ACCREDITED FOR TECHNICAL COMPETENCE

M. B. Webb
Technical Manager

DATE: 01 Aug 2014

Performance and Approvals Testing No. 15393
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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
2004 04 09 2339 1 August 2014

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