**Tarkett Australia Pty Ltd**
Suite 1,Level 3, 3 Columbia Court,NSW 2153 Australia

**TEST REPORT No. 161635NZ**

**LABORATORY REF: P161635NZ**

CUSTOMER REFERENCE

# LINOLEUM VENETO

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

**Homogeneous Floor covering .One single layer calendared on jute Backing Thickness 2.5 mm**

**TEST METHOD ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)**

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. .

Conditioning as specified in BS EN 13238.2001

Sample submitted Date **Oct 2016** Test Date **07 Oct 2016**

## ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

**The floor covering was directly stuck to the substrate using LINOLEUM 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 **4.9** kW/m²
Specimen 1 Width Direction Critical Radiant Flux **4.3** kW/m²
Full tests carried out in the **Width** Direction

| SPECIMEN | Width #1 | Width #2 | Width #3 | Mean |
|---|---|---|---|---|
| Critical Radiant Flux (kW/m²) | 4.3 | 6.0 | 4.1 | 4.8 |

## MEAN CRITICAL RADIANT FLUX 4.8 kW/m²

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

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**M. B. Webb**
Technical Manager

DATE: 07 Oct 2016

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



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 | 243 | 244 | 385 | 447 | 582 | 744 | 1051 | 1336 | 1519 | / | | | | | | | | |
| 2 | 210 | 211 | 337 | 380 | 583 | 792 | 981 | / | | | | | | | | | | |
| 3 | 202 | 204 | 273 | 379 | 493 | 785 | 862 | 1088 | 1303 | / | | | | | | | | |

**TESTS** **BURNING CHARACTERISTICS**

| Specimen | Burn Length (mm) at Flame Out/ Extinguishment | Time To Burn Out (s) |
|---|---|---|
| Initial Test: **Length** | **410** | **2,004** |
| Specimen Tests: **Width** | | |
| **1** | **440** | **1,851** |
| **2** | **350** | **1,551** |
| **3** | **450** | **1,936** |
| **Mean** | **413** | **1,779** |

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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
2004 04 09 15634 7 October 2016

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