

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

**TEST REPORT No. 161648NZ** 

LABORATORY REF: P161648NZ

### CUSTOMER REFERENCE

## LINOLEUM EMME

Sample description as provided by customer

Order No. JC

Linoleum homogeneous floor covering made by 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. Clause 10 (o) of ISO 9239-1:2010.

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 5.8 kW/m<sup>2</sup>

Specimen 1 Width Direction Critical Radiant Flux 5.8 kW/m²

Full tests carried out in the Length Direction

SPECIMEN	Leng	th #1	Length #2	Length #3	Mea	n
Critical Radiant Flux (kW/m²)		5.8	4.7	5.6		5.4

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

# MEAN CRITICAL RADIANT FLUX 5.4 kW/m<sup>2</sup>

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



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Clause 10 ( o ) of ISO 9239-1:2010

The values on Page 2 have no relevance to the Code.

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TEST REPORT No. 161648NZ LABORATORY REF: P161648NZ THE INFORMATION PROVIDED ON THIS PAGE OF THE TEST REPORT IS FOR THE SPONSORS USE ONLY AND WILL MEET THE REQUIREMENTS OF THE STANDARD. IT IS NOT REQUIRED UNDER Clause 10 ( o ) of ISO 9239-1:2010

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#### TIME FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

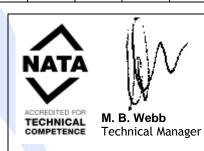
Specimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	328	329	471	590	727	1067	1300	1786	1									
2	213	215	330	351	449	708	1396	1926	2594	1								
3	234	235	417	463	581	754	1359	1787	T									

**TESTS** 

### **BURNING CHARACTERISTICS**

12010								
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)						
Initial Test: Width	360	2,234						
Specimen Tests: Length								
1	360	2,102						
2	420	2,855						
3	370	2,055						
Mean	383	2,337						

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 10 ( o ) of ISO 9239-1:2010 2004 04 09 20610 7 October 2016



DATE: 07 Oct 2016

Performance and Approvals

Testing No. 15393

Accredited for compliance with ISO/IEC 17025.