TEST REPORT No. 155872NZ

LABORATORY REF: P155872NZ

CUSTOMER REFERENCE

17 oz EcoWorx Tile

Sample description as provided by customer

Mass/unit area 17 oz/yd2

Order No. KS

Pile Fibre Content 100% SOLUTION DYED NYLON

Colour Grey Shades

Pile Height / mm

Construction Details Tufted Secondary Backing Synthetic

Style Loop Pile

The Samples Tested Were Modular Carpet

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 May 2015

Test Date 10/5/2015

ASSEMBLY SYSTEM: DIRECT STICK SURETAC PSI

The floor covering was directly stuck to the substrate using SURETAC PSI 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

Specimen 1 Width Direction

Critical Radiant Flux 8.8 kW/m² Critical Radiant Flux 9.4 kW/m²

Full tests carried out in the

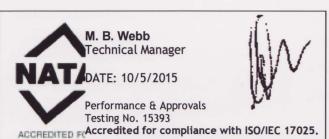
Length Direction

SPECIMEN	Length #1	Length #2	Length #3	Mean		
Critical Radiant Flux (kW/m²)	8.8	8.8	7.9	8.5		

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 8.5 kW/m²

OBSERVATIONS: The samples shrunk away from the heat source, ignited and burnt a 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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T REPORT No. 155872NZ ORATORY REF: P155872NZ 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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FOR EACH SPECIMEN TO REACH EACH MARKER IN SECONDS

cimen	50	60	110	160	210	260	310	360	410	460	510	560	610	660	710	760	810	860
1	201	203	291	349	455			1.1-11										
2	205	207	277	390	482													
3	208	210	271	360	431					T. (18 12 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16					1.4			

STS	BURNING CHARACTERISTICS						
Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)					
tial Test: Width	190	789					
ecimen Tests: Length							
1	220	721					
2	220	814					
3	260	1,000					
Mean	233	845					

M. B. Webb
Technical Manager
DATE: 10/5/2015

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

aboratory does not allow the use of this page of the report without the use of page 1. page alone has no validity under Clause 10 (o) of ISO 9239-1:2010 04 09 0 28 January 2015