LABORATORY TEST REPORT
P172554NZ

m/s Ontera Modular Carpets Pty
PO BOX 555,Wentworthville NSW 2145

AMPLIFIER (BEATS / ECHO)

Sample description as provided by customer Order No. **PO 6700573886**
Pile weight mass/unit area **510** g/m² Pile Fibre Content **100% SOLUTION DYED NYLON**
Construction Details **Tufted** Secondary Backing **B2 Hard Backing** Colour **Grey/Charcoal**
Style **Loop Pile** Pile Height mm
The Samples Tested Were Modular Carpet Dimensions 500 mm X 500 mm

Sample conditioning as specified in BS EN 13238.2010.

Sample Submitted Date **Nov 2017** Test Date **15 Nov 2017** Total Thickness mm

Assembly System: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using Water Based Surface Contact adhesive.

Substrate: Non-Combustible - 6mm Fibre Reinforced Cement Board to simulate a Non-Combustible Flooring.
The Holding Torque on Specimen Frame was 2Nm.

The standard requires two Initial Tests be conducted on samples mounted in both Length and Width directions. Two further samples are then tested in whichever direction has the lowest Critical Radiant Flux.

Initial Tests: **Length** Direction Critical Radiant Flux **4.8** kW/m²
Width Direction Critical Radiant Flux **4.6** kW/m²

	Specimen Tests conducted in the Width Direction			
	Specimen #1	Specimen #2	Specimen #3	Mean
Critical Radiant Flux (kW/m²)	4.6	4.6	4.8	4.7

Mean Critical Radiant Flux 4.7 kW/m²

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

The test results 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 in use.
All information required for compliance with the is given on this test report page.

M. B. Webb
Technical Manager

DATE: 15 Nov 2017

NATA ACCREDITED FOR TECHNICAL COMPETENCE
Performance & Approvals
Accreditation No. 15393
Accredited for compliance with ISO/IEC 17025.

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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	221	223	352	460	580	657	757	1228	1639	/								
2	210	212	262	339	454	507	778	1025	1428	/								
3	193	194	239	299	381	502	782	1063	1683									

TESTS **BURNING CHARACTERISTICS**

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)
Initial Test: **Length**	**410**	**1,652**
Specimen Tests: **Width**		
1	430	1,732
2	430	1,851
3	412	1,752
Mean	424	1,778

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