

CUSTOMER REFERENCE
URBAN NATURALS/DESIGN

Sample description as provided by customer

Mass/unit area		Order No.
Construction Details	Secondary Backing	Pile Fibre Content
Style		Colour
		Pile Height
		mm

Luxury Urban Naturals Range Dimensions 1210mm X 190mm Overall Thickness 2.5mm Wear Layer Thickness

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 **April 2015** Test Date **12 May 2015**

ASSEMBLY SYSTEM: DIRECT STICK (Details Below).

The floor covering was directly stuck to the substrate using **Vinyl Adhesive as Recommended by m/s Tarkett**

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	10.7 kW/m ²
	Specimen 1	Width Direction	Critical Radiant Flux	10.2 kW/m ²
		Full tests carried out in the	Width Direction	



SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	10.2	11.2	9.9	10.4
Smoke Development Rate (%.min)	71	51	56	59

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 10.4 kW/m²

MEAN SMOKE DEVELOPMENT RATE 59 percent-minutes

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

 NATA <small>ACCREDITED FOR TECHNICAL COMPETENCE</small>	M. B. Webb Technical Manager	
	DATE: 12 May 2015	
	Performance & Approvals Testing No. 15393	
	Accredited for compliance with ISO/IEC 17025.	

PAGE 1 of 2

Clause 9 of AS/ISO 9239 Part 1

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

1004 04 09

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	155	156	227	/														
2	169	170	/															
3	162	163	279	310	/													

TESTS

BURNING CHARACTERISTICS

SMOKE PRODUCTION

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)	Maximum Light Attenuation (%)	Smoke Development Rate (%.min)
Initial Test: Length	110	741	24	50
Specimen Tests: Width				
1	140	723	35	71
2	80	738	28	51
3	160	730	20	56
Mean	127	730	28	59



ACCREDITED FOR
**TECHNICAL
COMPETENCE**

M. B. Webb
Technical Manager

DATE: 12 May 2015

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

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 1791 12 May 2015