

CUSTOMER REFERENCE  
**STONEY RIVER**

Sample description as provided by customer

Pile weight mass/unit area **30 oz/yd<sup>2</sup>**  
Construction Details **Tufted** Secondary Backing **Synthetic**  
Style **Loop Pile**

Order No. **KG**

Pile Fibre Content **100% SOLUTION DYED NYLON**

Colour **Brown**

Pile Height mm

**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 **July 2016**

Test Date **05 Aug 2016**

**ASSEMBLY SYSTEM: OVER UNDERLAY AIRSTEP STEPEZY.**

The UNDERLAY used was **AIRSTEP STEPEZY**.

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 **2.2 kW/m<sup>2</sup>**  
Specimen 1 Width Direction Critical Radiant Flux **2.2 kW/m<sup>2</sup>**  
Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m <sup>2</sup> )	<b>2.2</b>	<b>2.0</b>	<b>2.3</b>	<b>2.2</b>
Smoke Development Rate (%.min)	<b>120</b>	<b>227</b>	<b>196</b>	<b>181</b>

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 2.2 kW/m<sup>2</sup>**

**MEAN SMOKE DEVELOPMENT RATE 181 percent-minutes**


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



**M. B. Webb**  
Technical Manager

DATE: 05 Aug 2016

Performance & Approvals  
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Clause 9 of AS/ISO 9239 Part 1


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	202	204	285	319	383	416	477	585	751	1088	1491	2004	2593	/				
2	199	201	269	310	332	420	451	499	648	796	1113	1702	2202	/				
3	189	190	283	334	391	462	583	649	748	1094	1348	2004	2695					

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: <b>Width</b>		620	2.903	54	151
Specimen Tests: <b>Length</b>					
1		620	2,719	53	120
2		650	3,014	49	227
3		610	2,821	55	196
Mean		627	2,851	52	181



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**TECHNICAL  
COMPETENCE**



**M. B. Webb**  
Technical Manager

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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 Clause 9 of AS/ISO 9239 Part 1  
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