

CUSTOMER REFERENCE
TRETFORD ROLL

Sample description as provided by customer
 TOTAL weight mass/unit area **2750 g/m²**
 Construction Details **Bonded** Secondary Backing **Jute**
 Style **Loop Pile**

Order No. **GH**
 Pile Fibre Content **80% Goat Hair 15% Nylon 5% Viscose**
 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 **Aug 2016**

Test Date **04 Aug 2016**

ASSEMBLY SYSTEM: DIRECT STICK TREFORD 240.

The floor covering was directly stuck to the substrate using **TREFORD 240** 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 **7.5 kW/m²**
 Specimen 1 Width Direction Critical Radiant Flux **8.1 kW/m²**
 Full tests carried out in the **Length** Direction


SPECIMEN	Length #1	Length #2	Length #3	Mean
Critical Radiant Flux (kW/m ²)	7.5	7.4	8.0	7.6
Smoke Development Rate (%.min)	155	106	99	120

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 7.6 kW/m²

MEAN SMOKE DEVELOPMENT RATE 120 percent-minutes


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



M. B. Webb
 Technical Manager

DATE: 04 Aug 2016

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	138	139	148	156	170	250	/											
2	164	165	169	195	222	264	/											
3	132	133	169	182	458	/												

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: Width		240	941	43	117
Specimen Tests: Length					
1		275	898	43	155
2		280	754	36	106
3		255	797	33	99
Mean		270	816	37	120



ACCREDITED FOR
**TECHNICAL
COMPETENCE**



M. B. Webb
Technical Manager

DATE: 04 Aug 2016

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 3254 4 August 2016