

CUSTOMER REFERENCE
TRETFORD ROLL

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

Order No. **AG**
Pile Fibre Content **80% Goat Hair 15% Nylon 5% Viscose**
Colour **Grey**
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 **Oct 2016**

Test Date **03 Nov 2016**

**ASSEMBLY SYSTEM: DOUBLE BOND (DOUBLE STICK) AIRSTEP
SENSI SLAB.**

The underlay used was **AIRSTEP SENSI SLAB** it was adhered to the substrate using **Tretford 240** adhesive. The floor covering was adhered to the underlay using **Tretford 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 **4.8 kW/m²**
Specimen 1 Width Direction Critical Radiant Flux **4.5 kW/m²**
Full tests carried out in the **Width** Direction


SPECIMEN	Width #1	Width #2	Width #3	Mean
Critical Radiant Flux (kW/m ²)	4.5	4.5	4.6	4.5
Smoke Development Rate (%.min)	475	460	447	461

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 4.5 kW/m²

MEAN SMOKE DEVELOPMENT RATE 461 percent-minutes


OBSERVATIONS: The samples singed, ignited and burnt a relatively short distance.



M. B. Webb
Technical Manager

DATE: 03 Nov 2016

Performance & Approvals
Testing No. 15393
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PAGE 1 of 2

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	136	137	143	152	168	186	199	210	366	/								
2	127	128	140	155	169	2100	225	248	258	/								
3	147	148	153	179	190	202	215	228	255	/								

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	415	839	99	476
Specimen Tests: Width				
1	430	1,018	99	475
2	430	815	99	460
3	425	784	99	447
Mean	428	872	99	461



ACCREDITED FOR
**TECHNICAL
COMPETENCE**



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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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