

m/s GIBBON GROUP
PO BOX 5162 Brendale QLD 4500
Attn: MS Georgia Harmon

TEST REPORT No. 161486NZ

LABORATORY REF: P161486NZ

CUSTOMER REFERENCE

TRETFORD ROLL

Sample description as provided by customer

order No. **GH** 2750 g/m² Pile Fibre Content **80% Goat Hair 15% Nylon 5% Viscose**

TOTAL weight mass/unit area **2750** g/m² Construction Details **Bonded** Secondary Backing **Jute**

Construction Details **Bonded** Secondary Backing **Jute**Style **Loop Pile**Colour **Brown**Pile Height / mm

TEST METHOD ISO 9239-1(2010 06-15) Determination of the Burning Behaviour using a radiant heat source As required by the New Zealand Building Code Clause C3.4 (b) (April 2012)

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 10 (o) of ISO 9239-1:2010.

Conditioning as specified in BS EN 13238.2001

Sample submitted Date Aug 2016

Test Date 04 Aug 2016

ASSEMBLY SYSTEM: DIRECT STICK TRETFORD 240

The floor covering was directly stuck to the substrate 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 7.5 kW/m²

Specimen 1 Width Direction Critical Radiant Flux 8.1 kW/m²

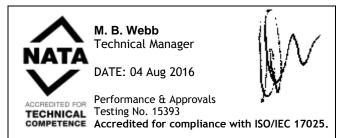
Full tests carried out in the Length Direction

SPECIMEN	Length #1		Length #2	Length #3	Mean	
Critical Radiant Flux (kW/m²)		7.5	7.4	8.0		7.6

The value quoted below is as required by the New Zealand Building Code Clause C3.4 (b) (April 2012) "Minimum critical radiant flux when tested to ISO 9239-1:2010". Hence the Radiant Flux quoted is the value at Flame-Out/Extinguishment Not after a 30 minute burn as used in Europe.

MEAN CRITICAL RADIANT FLUX 7.6 kW/m²

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



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Clause 10 (o) of ISO 9239-1:2010

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

1004 04 09



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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	138	139	148	156	170	250	1				71							
2	164	165	169	195	222	264	1											
3	132	133	169	182	458	1												

TESTS

BURNING CHARACTERISTICS

Specimen	Burn Length (mm) at Flame Out/ Extinguishment	Time To Burn Out (s)			
Initial Test: Width	240	941			
Specimen Tests: Length					
1	275	898			
2	280	754			
3	255	797			
Mean	270	816			

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 10 (o) of ISO 9239-1:2010 2004 04 09 3254 5 August 2016



DATE: 04 Aug 2016

Performance and Approvals Testing No. 15393

Accredited for compliance

with ISO/IEC 17025.