



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-194
Sample Received date: 16/10/2020
Test Date: 28/10/2020
Report Date: 05/11/2020

Sample Description: Client Reference: "VEILED BRUSHWORK"
100% Solution Dyed Nylon 6
678g/m² on a Glasbac Backing

AS ISO 9239.1: Reaction to Fire Tests for Floorings – Determination of the Burning Behaviour Using a Radiant Heat Source

Results Summary

CHF Value	Sample 1	Sample 2	Sample 3	Mean	
Length	4.9	4.6	5.5	5.0	kW/m ²
Width	6.3	-	-	-	kW/m ²
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	177	168	148	164	%.min
Width	158	-	-	-	%.min

Melting Yes
Blistering Yes

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BS EN 13238 at a temperature of 23±2°C and relative humidity of 50±5% for a minimum of 48 hours prior to testing.

Each Specimen was adhered to a substrate of 9mm thick fibre cement board using Intertac adhesive.



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Sample 1 Length

Test Results

Time to ignition	: 2 minutes 31 seconds (151 s)
Time to flameout	: 49 minutes 58 seconds (2998 s)
Extent of burning (mm)	: 430
Critical flux at extinguishment (kW/m ²)	: 4.90
HF-10 (kW/m ²)	: 9.71
HF-20 (kW/m ²)	: 6.76
HF-30 (kW/m ²)	: 5.26
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: 340
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 28.84
Time to peak light attenuation	: 7 minutes 10 seconds (430 s)
Total integrated smoke (%.min)	: 176.64



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4600 FAX: (02) 8706 4617

TEST REPORT

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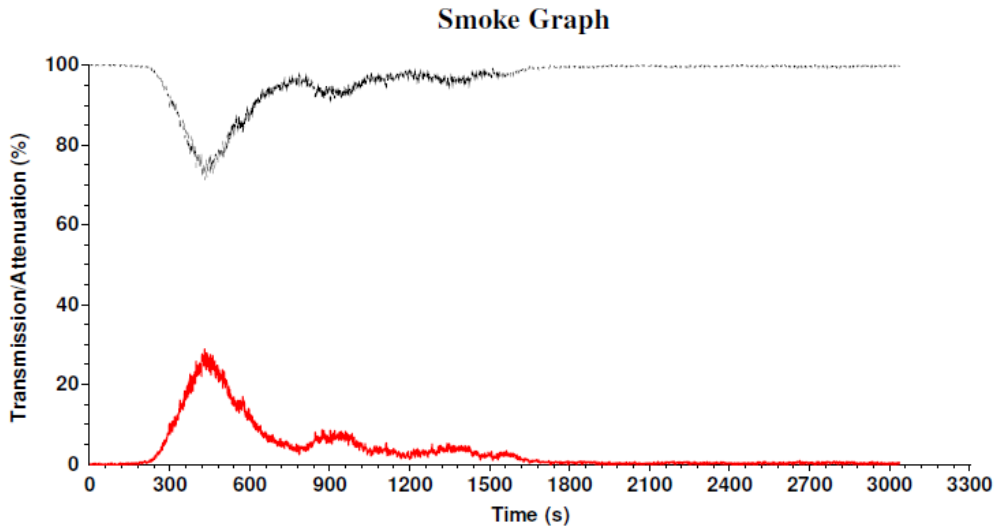
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Sample 1 Length

Light Attenuation Over Time and Rake Results

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Test name : LENGTH1
File name : C:\FRPSOFT\DATA\20100021.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	265	12.1	3.219	510	-	3.6	-
110	354	11.2	3.979	560	-	3.0	-
160	441	10.4	4.605	610	-	2.6	-
210	605	9.5	5.763	660	-	2.2	-
260	763	8.5	6.449	710	-	1.8	-
310	1006	7.4	7.483	760	-	1.6	-
360	1315	6.3	8.295	810	-	1.4	-
410	1769	5.3	9.301	860	-	1.2	-
460	-	4.4	-	910	-	1.0	-



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Sample 1 Width

Test Results

Time to ignition	: 2 minutes 21 seconds (141 s)
Time to flameout	: 35 minutes 19 seconds (2119 s)
Extent of burning (mm)	: 360
Critical flux at extinguishment (kW/m ²)	: 6.31
HF-10 (kW/m ²)	: 9.71
HF-20 (kW/m ²)	: 7.64
HF-30 (kW/m ²)	: 6.53
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: 300
Flame spread at 30 minutes (mm)	: 350
Peak light attenuation (%)	: 25.62
Time to peak light attenuation	: 6 minutes 36 seconds (396 s)
Total integrated smoke (%.min)	: 157.92



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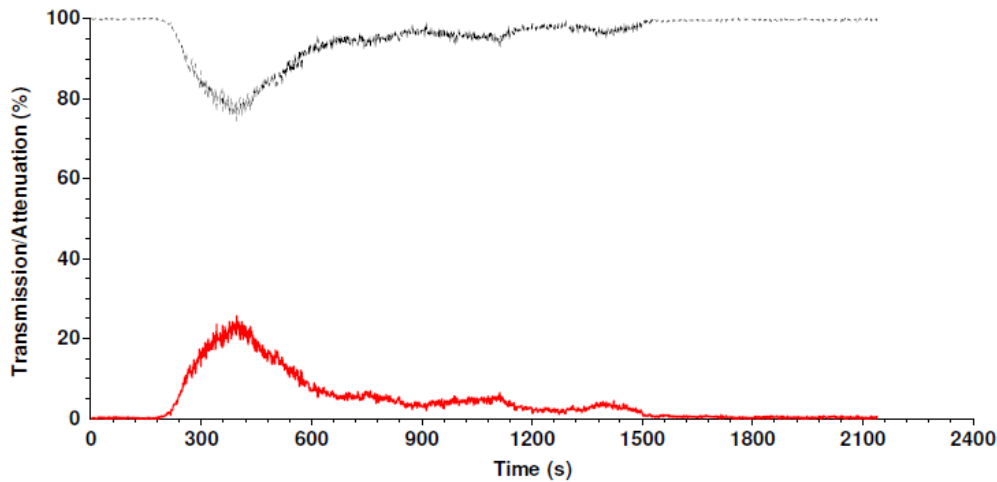
Sample 1 Width

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Smoke Graph



Test name : WIDTH1
File name : C:\FRPSOFT\DATA\20100022.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	225	12.1	2.734	510	-	3.6	-
110	341	11.2	3.833	560	-	3.0	-
160	440	10.4	4.595	610	-	2.6	-
210	680	9.5	6.477	660	-	2.2	-
260	978	8.5	8.266	710	-	1.8	-
310	1308	7.4	9.729	760	-	1.6	-
360	2115	6.3	13.341	810	-	1.4	-
410	-	5.3	-	860	-	1.2	-
460	-	4.4	-	910	-	1.0	-



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Sample 2 Length

Test Results

Time to ignition	: 2 minutes 31 seconds (151 s)
Time to flameout	: 55 minutes 23 seconds (3323 s)
Extent of burning (mm)	: 450
Critical flux at extinguishment (kW/m ²)	: 4.55
HF-10 (kW/m ²)	: 9.71
HF-20 (kW/m ²)	: 8.05
HF-30 (kW/m ²)	: 6.10
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: 280
Flame spread at 30 minutes (mm)	: 370
Peak light attenuation (%)	: 28.46
Time to peak light attenuation	: 7 minutes 25 seconds (445 s)
Total integrated smoke (%.min)	: 167.88



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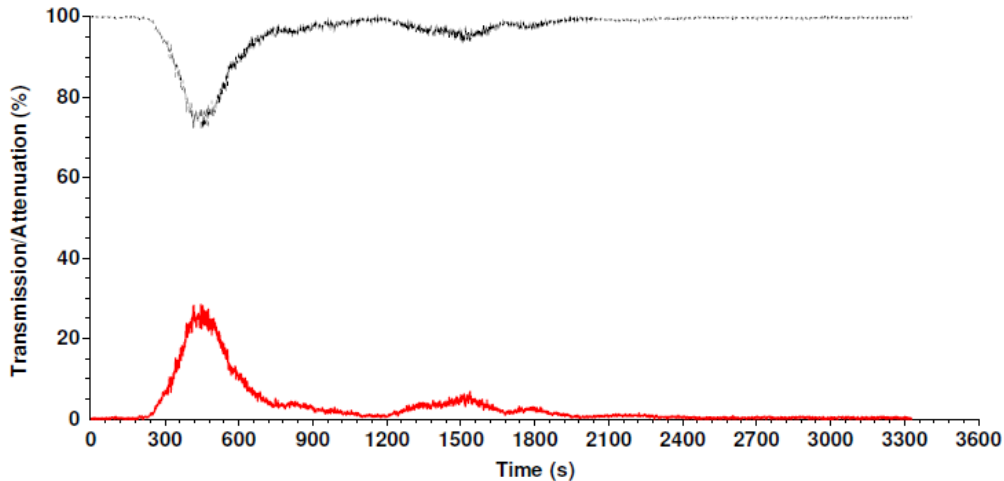
Sample 2 Length

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Smoke Graph



Test name : LENGTH2
File name : C:\FRPSOFT\DATA\20100023.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	314	12.1	3.815	510	-	3.6	-
110	402	11.2	4.519	560	-	3.0	-
160	513	10.4	5.357	610	-	2.6	-
210	608	9.5	5.791	660	-	2.2	-
260	1096	8.5	9.263	710	-	1.8	-
310	1441	7.4	10.718	760	-	1.6	-
360	1716	6.3	10.825	810	-	1.4	-
410	2271	5.3	11.941	860	-	1.2	-
460	-	4.4	-	910	-	1.0	-



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Sample 3 Length

Test Results

Time to ignition	: 2 minutes 35 seconds (155 s)
Time to flameout	: 42 minutes 13 seconds (2533 s)
Extent of burning (mm)	: 400
Critical flux at extinguishment (kW/m ²)	: 5.47
HF-10 (kW/m ²)	: 9.89
HF-20 (kW/m ²)	: 7.44
HF-30 (kW/m ²)	: 5.68
Flame spread at 10 minutes (mm)	: 190
Flame spread at 20 minutes (mm)	: 310
Flame spread at 30 minutes (mm)	: 390
Peak light attenuation (%)	: 27.24
Time to peak light attenuation	: 7 minutes 20 seconds (440 s)
Total integrated smoke (%.min)	: 147.64



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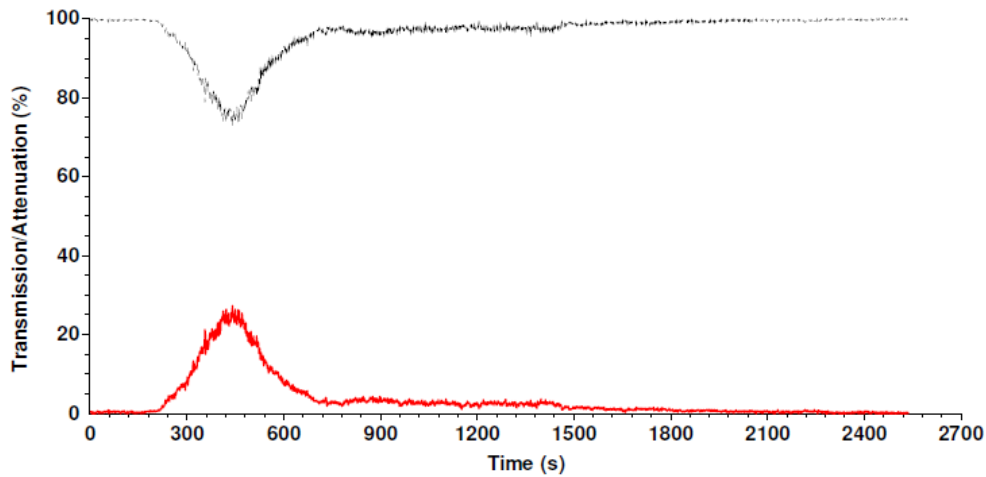
Sample 3 Length

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Smoke Graph



Test name : LENGTH3
File name : C:\FRPSOFT\DATA\20100024.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)	Position (mm)	Time (s)	Flux (kW/m ²)	Qsb (MJ/m ²)
60	283	12.1	3.438	510	-	3.6	-
110	427	11.2	4.800	560	-	3.0	-
160	465	10.4	4.856	610	-	2.6	-
210	716	9.5	6.820	660	-	2.2	-
260	943	8.5	7.970	710	-	1.8	-
310	1173	7.4	8.725	760	-	1.6	-
360	1604	6.3	10.118	810	-	1.4	-
410	-	5.3	-	860	-	1.2	-
460	-	4.4	-	910	-	1.0	-

END OF REPORT