



## TEST REPORT

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

Test Report No: D11-19-043  
Sample Received date: 26/08/2019  
Test Date: 10/09/2019  
Report Date: 13/09/2019

Sample Description: Client Reference: "STEP IT UP"  
100% Solution Dyed Nylon 66  
576g/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	5.0	5.6	5.6	5.4	kW/m <sup>2</sup>
Width	5.4	-	-	-	kW/m <sup>2</sup>
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	159	157	155	157	%.min
Width	163	-	-	-	%.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 23 seconds (143 s)
Time to flameout	: 30 minutes 44 seconds (1844 s)
Extent of burning (mm)	: 410
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.03
HF-10 (kW/m <sup>2</sup> )	: 8.45
HF-20 (kW/m <sup>2</sup> )	: 5.82
HF-30 (kW/m <sup>2</sup> )	: 5.03
Flame spread at 10 minutes (mm)	: 250
Flame spread at 20 minutes (mm)	: 370
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 48.65
Time to peak light attenuation	: 5 minutes 16 seconds (316 s)
Total integrated smoke (%.min)	: 158.92



# 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

Client: Interface Australia PTY LTD  
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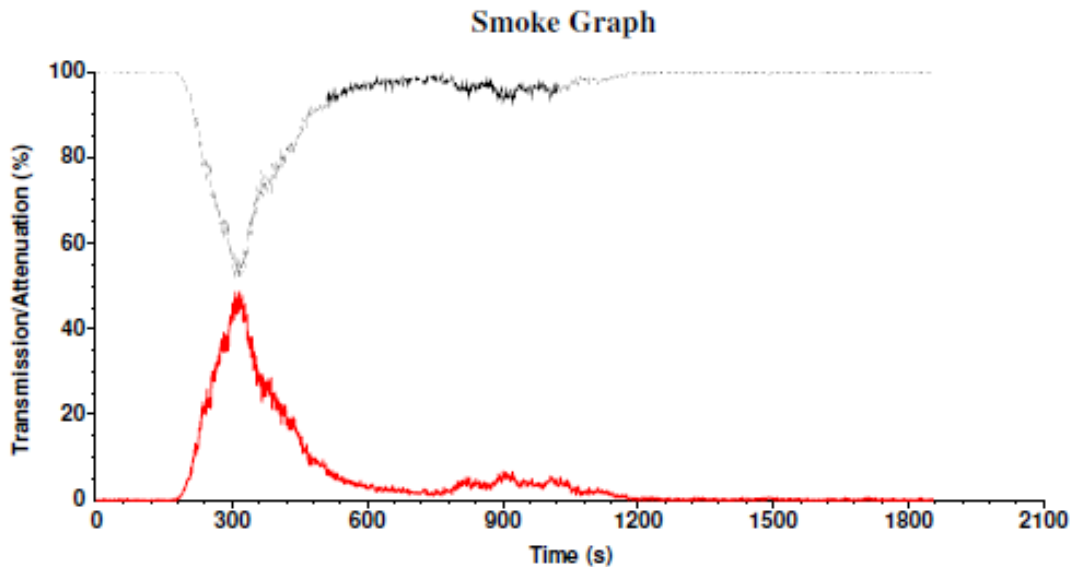
Test Report No: D11-19-043  
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### Sample 1 Length

### Light Attenuation Over Time and Rake Results

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Test name : LENGTH1  
File name : C:\FRPSOFT\DATA\19090009.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	196	12.3	2.414	510	-	3.5	-
110	270	11.3	3.054	560	-	2.9	-
160	339	10.4	3.530	610	-	2.4	-
210	428	9.4	4.022	660	-	2.1	-
260	688	8.2	5.653	710	-	1.7	-
310	882	7.1	6.257	760	-	1.5	-
360	1134	6.0	6.827	810	-	1.3	-
410	1690	5.0	8.492	860	-	1.2	-
460	-	4.2	-	910	-	1.0	-



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### Sample 1 Width

### Test Results

Time to ignition	: 2 minutes 23 seconds (143 s)
Time to flameout	: 28 minutes 15 seconds (1695 s)
Extent of burning (mm)	: 390
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.42
HF-10 (kW/m <sup>2</sup> )	: 8.45
HF-20 (kW/m <sup>2</sup> )	: 6.45
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 250
Flame spread at 20 minutes (mm)	: 340
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 45.35
Time to peak light attenuation	: 5 minutes 22 seconds (322 s)
Total integrated smoke (%.min)	: 162.56



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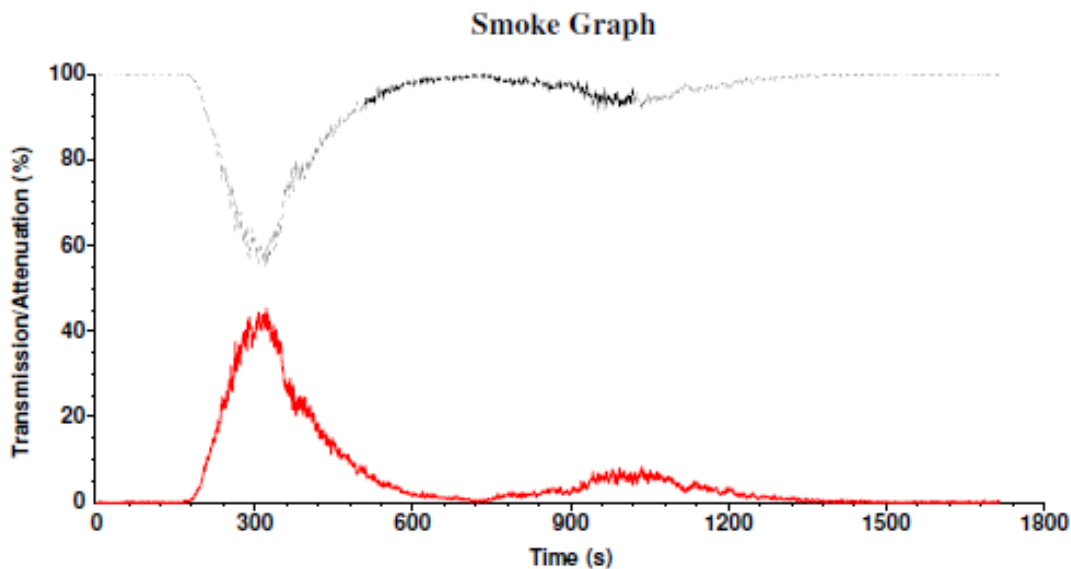
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### Sample 1 Width

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Test name : WIDTH1  
File name : C:\FRPSOFT\DATA\19090010.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	188	12.3	2.316	510	-	3.5	-
110	263	11.3	2.975	560	-	2.9	-
160	337	10.4	3.510	610	-	2.4	-
210	442	9.4	4.153	660	-	2.1	-
260	807	8.2	6.630	710	-	1.7	-
310	1023	7.1	7.257	760	-	1.5	-
360	1332	6.0	8.019	810	-	1.3	-
410	-	5.0	-	860	-	1.2	-
460	-	4.2	-	910	-	1.0	-



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### Sample 2 Length

### Test Results

Time to ignition	: 2 minutes 28 seconds (148 s)
Time to flameout	: 23 minutes 18 seconds (1398 s)
Extent of burning (mm)	: 380
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.62
HF-10 (kW/m <sup>2</sup> )	: 8.69
HF-20 (kW/m <sup>2</sup> )	: 6.02
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 240
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 35.72
Time to peak light attenuation	: 5 minutes 35 seconds (335 s)
Total integrated smoke (%.min)	: 157.21



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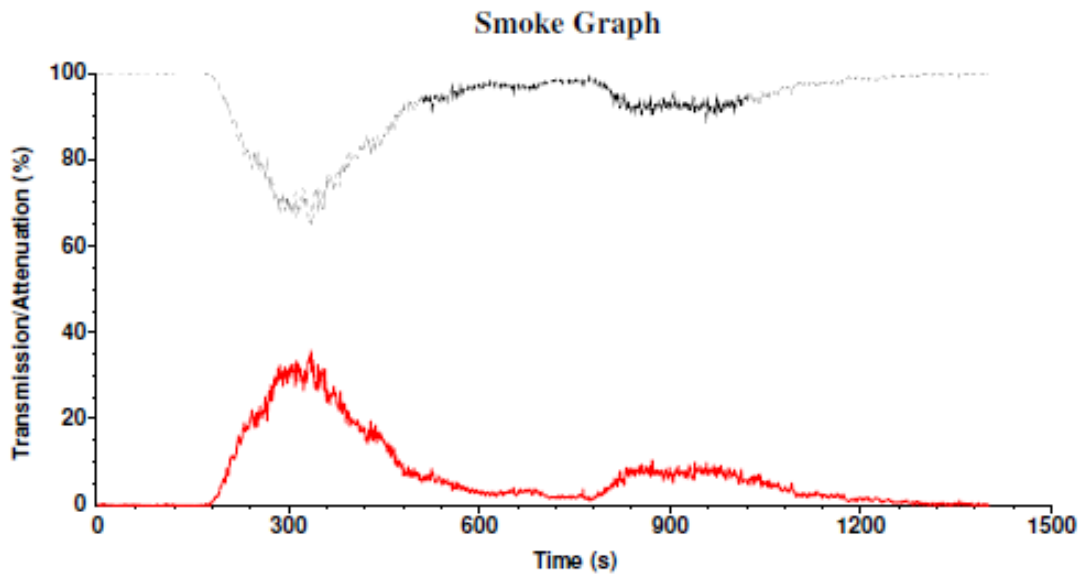
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### Sample 2 Length

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Test name : LENGTH2  
File name : C:\FRPSOFT\DATA\19090011.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	208	12.3	2.562	510	-	3.5	-
110	300	11.3	3.393	560	-	2.9	-
160	387	10.4	4.030	610	-	2.4	-
210	498	9.4	4.680	660	-	2.1	-
260	814	8.2	6.688	710	-	1.7	-
310	970	7.1	6.881	760	-	1.5	-
360	1200	6.0	7.224	810	-	1.3	-
410	-	5.0	-	860	-	1.2	-
460	-	4.2	-	910	-	1.0	-



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### Sample 3 Length

### Test Results

Time to ignition	: 2 minutes 28 seconds (148 s)
Time to flameout	: 24 minutes 54 seconds (1494 s)
Extent of burning (mm)	: 380
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.62
HF-10 (kW/m <sup>2</sup> )	: 8.45
HF-20 (kW/m <sup>2</sup> )	: 6.02
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 250
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 44.25
Time to peak light attenuation	: 5 minutes 24 seconds (324 s)
Total integrated smoke (%.min)	: 154.52





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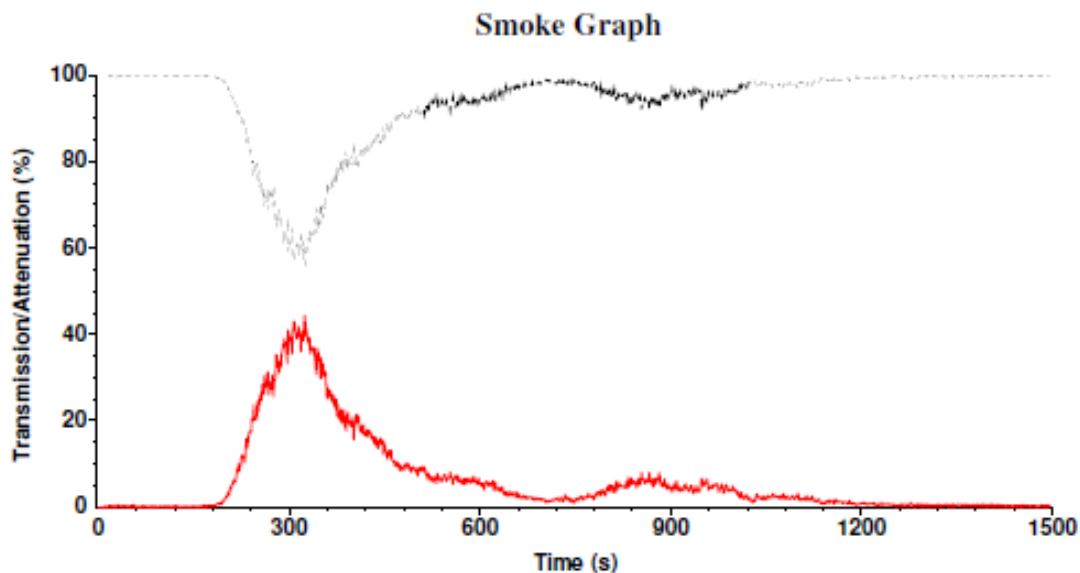
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Test name : LENGTH3  
File name : C:\FRPSOFT\DATA\19090012.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	198	12.3	2.439	510	-	3.5	-
110	272	11.3	3.076	560	-	2.9	-
160	354	10.4	3.687	610	-	2.4	-
210	470	9.4	4.417	660	-	2.1	-
260	663	8.2	5.447	710	-	1.7	-
310	1001	7.1	7.101	760	-	1.5	-
360	1176	6.0	7.080	810	-	1.3	-
410	-	5.0	-	860	-	1.2	-
460	-	4.2	-	910	-	1.0	-

END OF REPORT