



## TEST REPORT

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

Test Report No: R20-252  
Sample Received date: 05/11/2020  
Test Date: 30/12/2020  
Report Date: 31/12/2020

Sample Description: Client Reference: "SIMPLE SASH"  
100% Solution Dyed Nylon 66  
644g/m<sup>2</sup> 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	5.9	5.5	5.3	5.6	kW/m <sup>2</sup>
Width	5.9	-	-	-	kW/m <sup>2</sup>
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	158	156	175	163	%.min
Width	190	-	-	-	%.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 28 seconds (148 s)
Time to flameout	: 27 minutes 52 seconds (1672 s)
Extent of burning (mm)	: 360
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.91
HF-10 (kW/m <sup>2</sup> )	: 9.22
HF-20 (kW/m <sup>2</sup> )	: 6.74
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 320
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 41.61
Time to peak light attenuation	: 6 minutes 46 seconds (406 s)
Total integrated smoke (%.min)	: 157.73



# 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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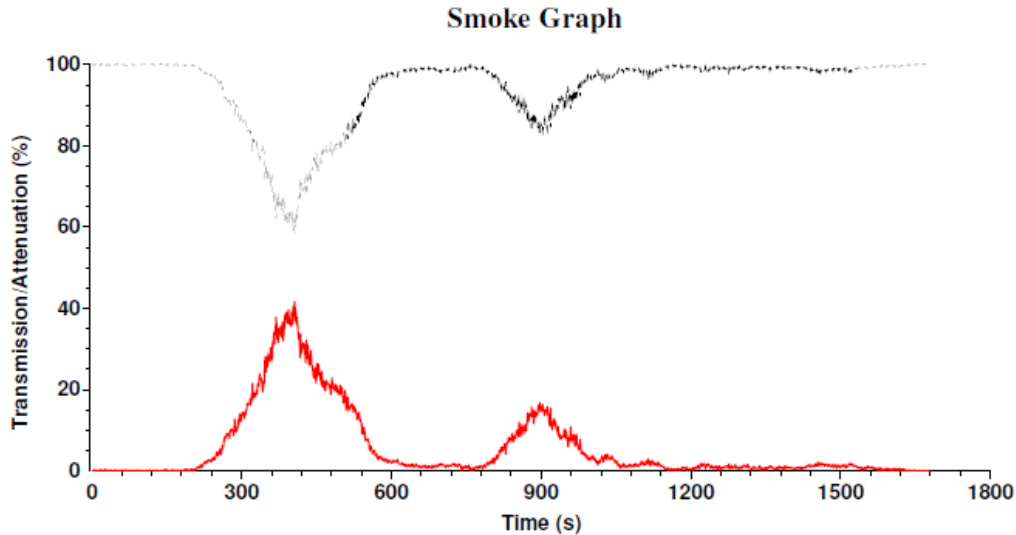
Test Report No: R20-252  
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### Sample 1 Length

### Light Attenuation Over Time and Rake Results

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Test name : LENGTH1  
File name : C:\FRPSOFT\DATA\20120041.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	262	12.1	3.173	510	-	3.4	-
110	360	11.1	4.000	560	-	2.8	-
160	416	10.2	4.254	610	-	2.4	-
210	590	9.2	5.439	660	-	2.0	-
260	885	8.1	7.124	710	-	1.7	-
310	1121	6.9	7.782	760	-	1.4	-
360	1482	5.9	8.762	810	-	1.3	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



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### Sample 1 Width

#### Test Results

Time to ignition	: 2 minutes 21 seconds (141 s)
Time to flameout	: 25 minutes 15 seconds (1515 s)
Extent of burning (mm)	: 360
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.91
HF-10 (kW/m <sup>2</sup> )	: 8.28
HF-20 (kW/m <sup>2</sup> )	: 5.91
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 (%)	: 52.22
Time to peak light attenuation	: 5 minutes 54 seconds (354 s)
Total integrated smoke (%.min)	: 189.96



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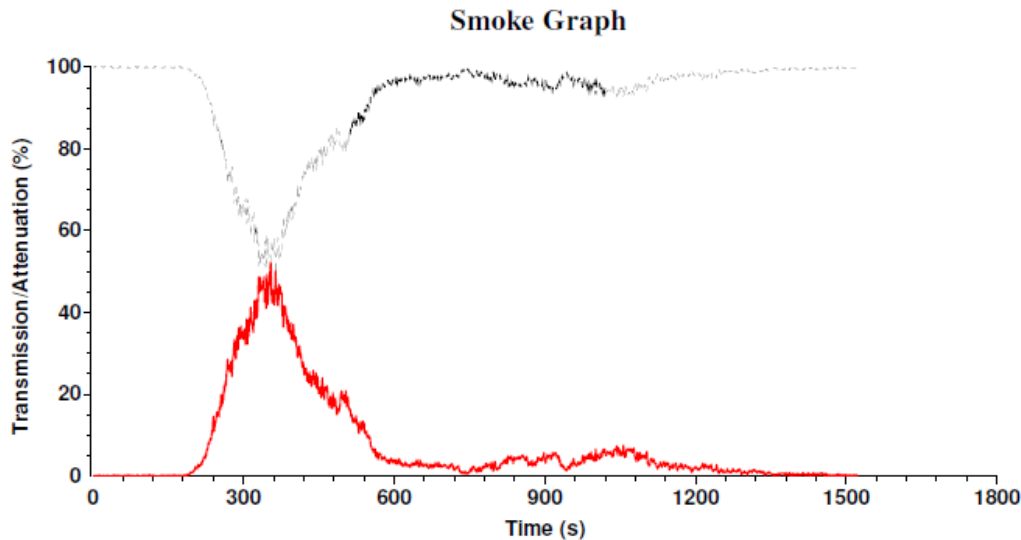
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### Sample 1 Width

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Test name : WIDTH1  
File name : C:\FRPSOFT\DATA\20120042.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	201	12.1	2.434	510	-	3.4	-
110	274	11.1	3.045	560	-	2.8	-
160	402	10.2	4.110	610	-	2.4	-
210	478	9.2	4.406	660	-	2.0	-
260	699	8.1	5.627	710	-	1.7	-
310	908	6.9	6.303	760	-	1.4	-
360	1152	5.9	6.811	810	-	1.3	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



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### Sample 2 Length

#### Test Results

Time to ignition	: 2 minutes 22 seconds (142 s)
Time to flameout	: 28 minutes 31 seconds (1711 s)
Extent of burning (mm)	: 380
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.53
HF-10 (kW/m <sup>2</sup> )	: 9.22
HF-20 (kW/m <sup>2</sup> )	: 6.32
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 340
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 48.1
Time to peak light attenuation	: 6 minutes 03 seconds (363 s)
Total integrated smoke (%.min)	: 155.85



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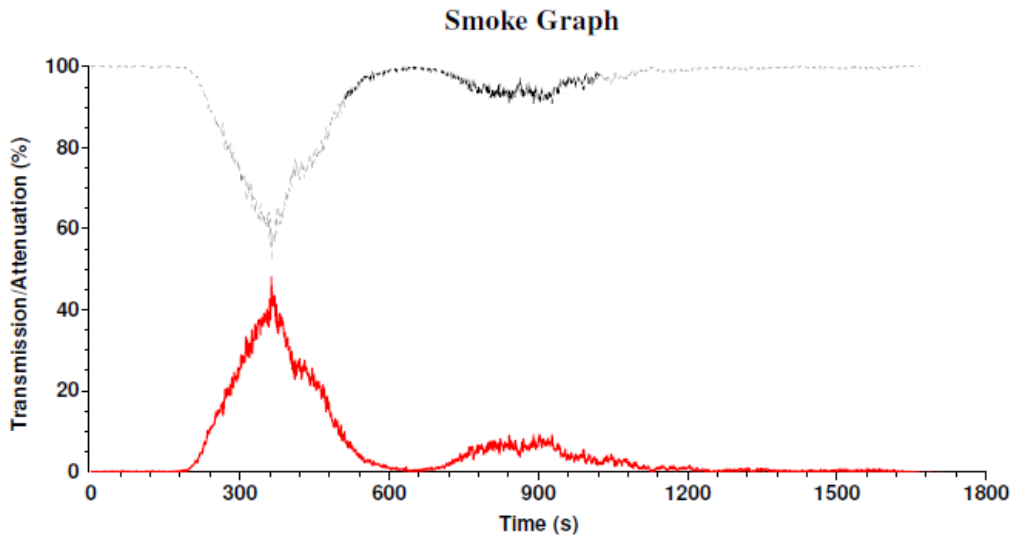
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### Sample 2 Length

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Test name : LENGTH2  
File name : C:\FRPSOFT\DATA\20120043.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	209	12.1	2.531	510	-	3.4	-
110	282	11.1	3.134	560	-	2.8	-
160	397	10.2	4.059	610	-	2.4	-
210	442	9.2	4.074	660	-	2.0	-
260	838	8.1	6.746	710	-	1.7	-
310	992	6.9	6.886	760	-	1.4	-
360	1431	5.9	8.460	810	-	1.3	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



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### Sample 3 Length

#### Test Results

Time to ignition	: 2 minutes 56 seconds (176 s)
Time to flameout	: 29 minutes 35 seconds (1775 s)
Extent of burning (mm)	: 390
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.34
HF-10 (kW/m <sup>2</sup> )	: 8.75
HF-20 (kW/m <sup>2</sup> )	: 5.91
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 230
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 47.35
Time to peak light attenuation	: 6 minutes 10 seconds (370 s)
Total integrated smoke (%.min)	: 174.76





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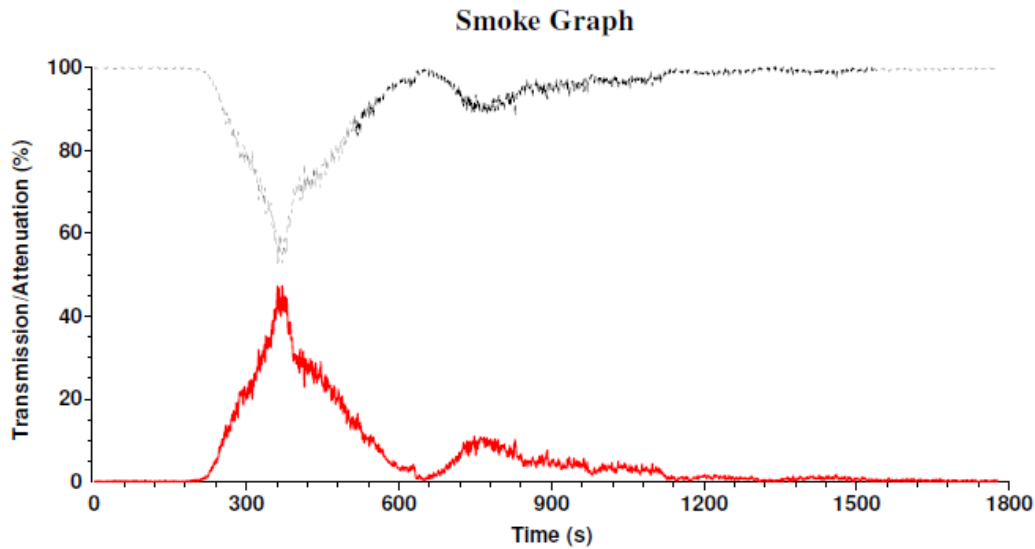
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### Sample 3 Length

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Test name : LENGTH3  
File name : C:\FRPSOFT\DATA\20120044.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	250	12.1	3.027	510	-	3.4	-
110	322	11.1	3.578	560	-	2.8	-
160	400	10.2	4.090	610	-	2.4	-
210	438	9.2	4.037	660	-	2.0	-
260	717	8.1	5.772	710	-	1.7	-
310	922	6.9	6.401	760	-	1.4	-
360	1188	5.9	7.023	810	-	1.3	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

END OF REPORT