



## TEST REPORT

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

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

Sample Description: Client Reference: "COMPOSURE 180z"  
100% Solution Dyed Nylon 6  
610g/m<sup>2</sup> on a CushionBacRE 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	5.7	5.3	5.3	kW/m <sup>2</sup>
Width	6.2	-	-	-	kW/m <sup>2</sup>
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	241	218	229	230	%.min
Width	208	-	-	-	%.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 13238:2001 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



## TEST REPORT

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

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 1 Length

#### Test Results

Time to ignition	: 2 minutes 16 seconds (136 s)
Time to flameout	: 25 minutes 01 seconds (1501 s)
Extent of burning (mm)	: 410
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 4.85
HF-10 (kW/m <sup>2</sup> )	: 5.72
HF-20 (kW/m <sup>2</sup> )	: 4.85
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 370
Flame spread at 20 minutes (mm)	: 410
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 66.46
Time to peak light attenuation	: 4 minutes 36 seconds (276 s)
Total integrated smoke (%.min)	: 241.3



# 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  
34 Airds Road Minto  
NSW 2566  
Australia

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

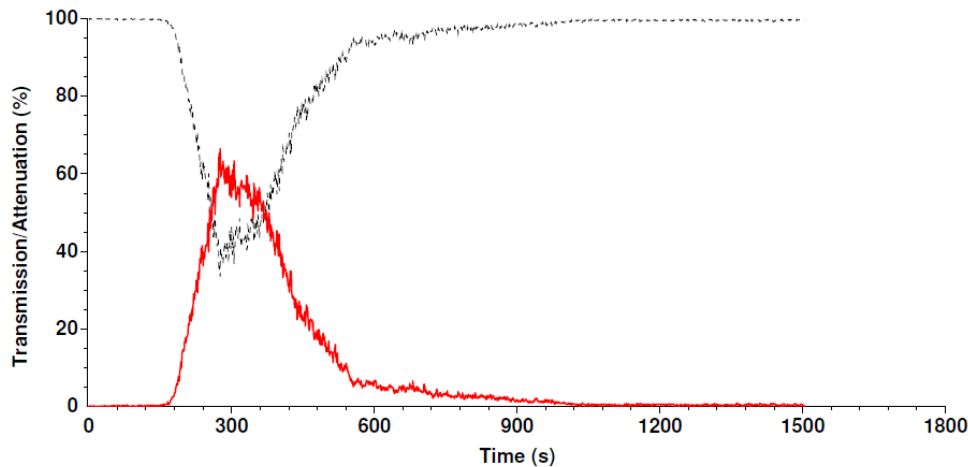
### Sample 1 Length

### Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3

#### Smoke Graph



Test name : LENGTH1  
File name : C:\FRPSOFT\DATA\21060005.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	183	12.3	2.259	510	-	3.3	-
110	247	11.3	2.802	560	-	2.7	-
160	291	10.5	3.043	610	-	2.3	-
210	341	9.4	3.221	660	-	1.9	-
260	349	8.2	2.875	710	-	1.6	-
310	431	7.1	3.056	760	-	1.4	-
360	563	5.9	3.340	810	-	1.2	-
410	998	4.9	4.843	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-



## TEST REPORT

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

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 1 Width

#### Test Results

Time to ignition	: 2 minutes 17 seconds (137 s)
Time to flameout	: 14 minutes 54 seconds (894 s)
Extent of burning (mm)	: 350
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 6.16
HF-10 (kW/m <sup>2</sup> )	: 6.86
HF-20 (kW/m <sup>2</sup> )	: Not calculated (test duration < 20 minutes)
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 320
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 60.1
Time to peak light attenuation	: 5 minutes 30 seconds (330 s)
Total integrated smoke (%.min)	: 207.69



# 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  
34 Airds Road Minto  
NSW 2566  
Australia

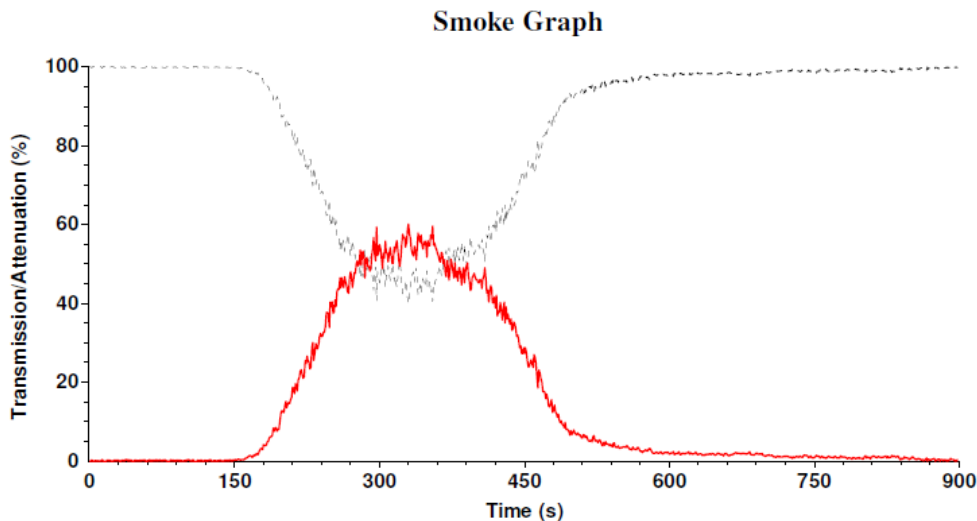
Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 1 Width

#### Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : WIDTH1  
File name : C:\FRPSOFT\DATA\21060006.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	2.445	510	-	3.3	-
110	264	11.3	2.995	560	-	2.7	-
160	296	10.5	3.095	610	-	2.3	-
210	332	9.4	3.136	660	-	1.9	-
260	342	8.2	2.817	710	-	1.6	-
310	472	7.1	3.347	760	-	1.4	-
360	-	5.9	-	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-



## TEST REPORT

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

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 2 Length

#### Test Results

Time to ignition	: 2 minutes 19 seconds (139 s)
Time to flameout	: 18 minutes 22 seconds (1102 s)
Extent of burning (mm)	: 370
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.72
HF-10 (kW/m <sup>2</sup> )	: 6.16
HF-20 (kW/m <sup>2</sup> )	: Not calculated (test duration < 20 minutes)
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 350
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 59.9
Time to peak light attenuation	: 5 minutes 20 seconds (320 s)
Total integrated smoke (%.min)	: 218.17



# 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  
34 Airds Road Minto  
NSW 2566  
Australia

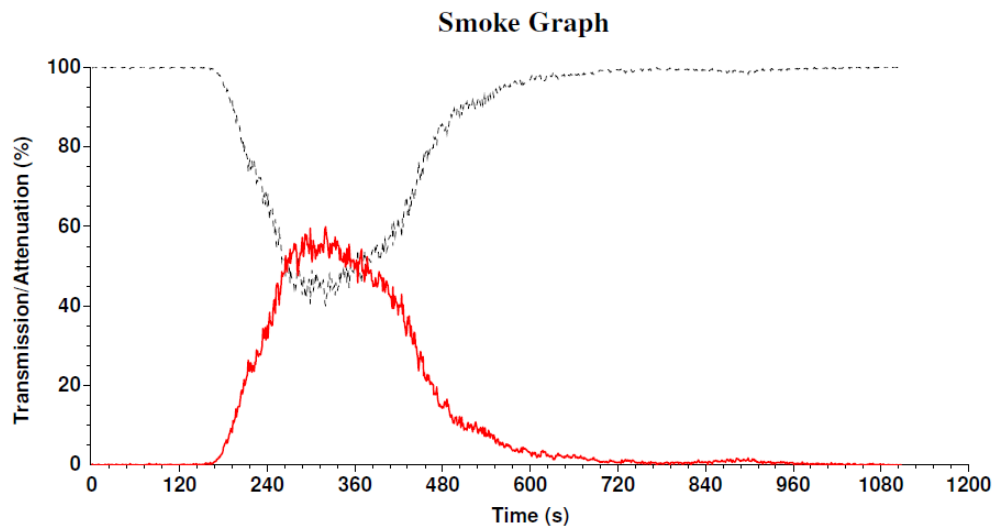
Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 2 Length

### Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH2  
File name : C:\FRPSOFT\DATA\21060007.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	2.420	510	-	3.3	-
110	244	11.3	2.768	560	-	2.7	-
160	281	10.5	2.938	610	-	2.3	-
210	333	9.4	3.146	660	-	1.9	-
260	337	8.2	2.776	710	-	1.6	-
310	438	7.1	3.106	760	-	1.4	-
360	634	5.9	3.761	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-



## TEST REPORT

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

Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 3 Length

#### Test Results

Time to ignition	: 2 minutes 18 seconds (138 s)
Time to flameout	: 27 minutes 52 seconds (1672 s)
Extent of burning (mm)	: 390
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 5.28
HF-10 (kW/m <sup>2</sup> )	: 6.16
HF-20 (kW/m <sup>2</sup> )	: 5.28
HF-30 (kW/m <sup>2</sup> )	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 350
Flame spread at 20 minutes (mm)	: 390
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 62.94
Time to peak light attenuation	: 5 minutes 49 seconds (349 s)
Total integrated smoke (%.min)	: 229.39





# 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  
34 Airds Road Minto  
NSW 2566  
Australia

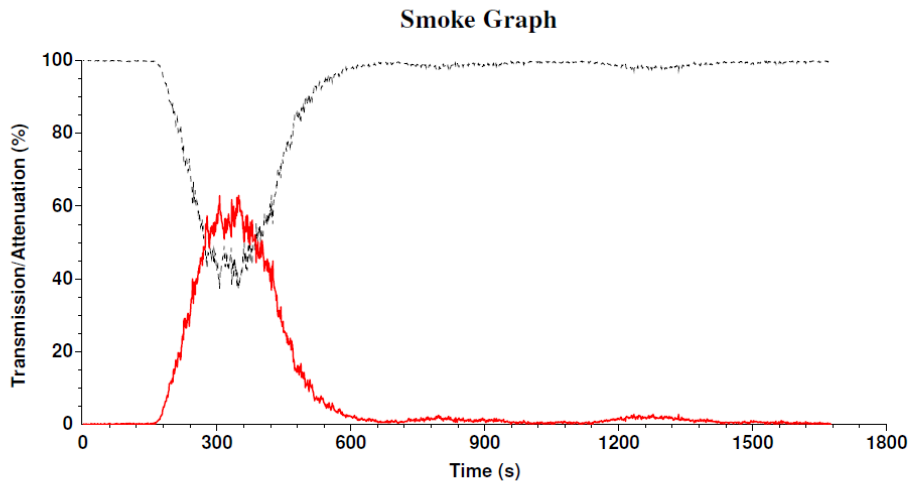
Test Report No: R21-110A  
Sample Received Date: 27/05/2021  
Test Date: 2/06/2021  
Report Date: 2/06/2021

### Sample 3 Length

### Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH3  
File name : C:\FRPSOFT\DATA\21060008.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	179	12.3	2.210	510	-	3.3	-
110	250	11.3	2.837	560	-	2.7	-
160	275	10.5	2.875	610	-	2.3	-
210	313	9.4	2.957	660	-	1.9	-
260	328	8.2	2.702	710	-	1.6	-
310	404	7.1	2.865	760	-	1.4	-
360	659	5.9	3.909	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

END OF REPORT