



## TEST REPORT

Sample Manufacturing: Interface Australia PTY LTD  
34 Airds Road Minto  
NSW 2566  
Australia

Test Report No: R22-204  
Sample Received Date: 14/02/2022  
Test Date: 20/04/2022  
Report Date: 28/04/2022

Sample Description: Client Reference: "WG200"  
Loop Pile Carpet Tile  
100% Solution Dyed Nylon 6  
780g/m<sup>2</sup> on a Glasbac Backing

Test Sponsor:  
Interface Australia

AS ISO 9239.1-2003: 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	3.9	3.6	4.0	3.7	kW/m <sup>2</sup>
Width	3.6	-	-	-	kW/m <sup>2</sup>

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	165	197	156	190	%.min
Width	218	-	-	-	%.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 72 hours prior to testing, which is inclusive of adhesive curing time.

Each Specimen was adhered to a substrate of 9mm Fibre Cement Board using Intertac+ Adhesive.

KARTHIK BHASKARAN  
Materials Scientist

APPROVED SIGNATORY



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

### Sample 1 Length

### Test Results

Time to ignition	: 2 minutes 20 seconds (140 s)
Time to flameout	: 51 minutes 16 seconds (3076 s)
Extent of burning (mm)	: 470
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 3.86
HF-10 (kW/m <sup>2</sup> )	: 8.98
HF-20 (kW/m <sup>2</sup> )	: 6.42
HF-30 (kW/m <sup>2</sup> )	: 4.86
Flame spread at 10 minutes (mm)	: 230
Flame spread at 20 minutes (mm)	: 340
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 30.69
Time to peak light attenuation	: 7 minutes 29 seconds (449 s)
Total integrated smoke (%.min)	: 164.68



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

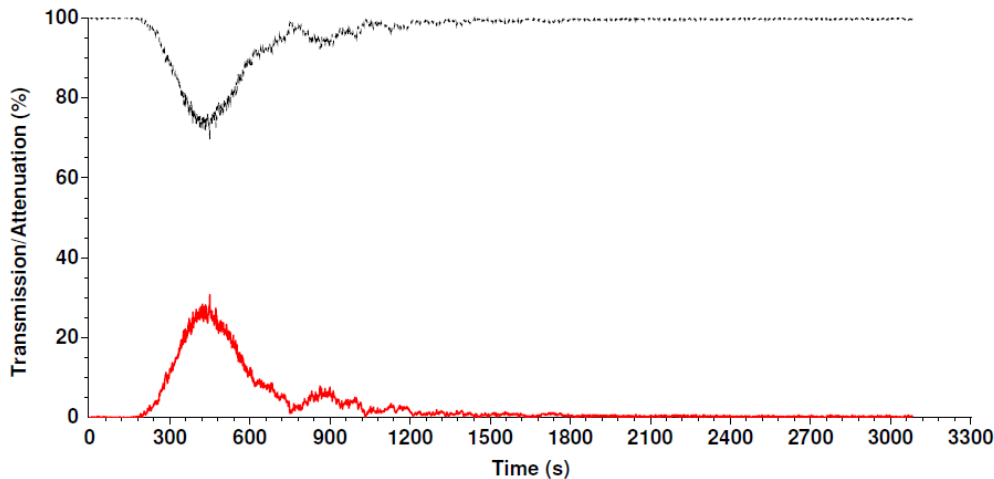
### Sample 1 Length

### 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\22040021.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	242	12.3	2.966	510	-	3.3	-
110	324	11.3	3.659	560	-	2.7	-
160	407	10.4	4.247	610	-	2.3	-
210	524	9.5	4.958	660	-	1.9	-
260	745	8.3	6.156	710	-	1.6	-
310	987	7.1	7.032	760	-	1.4	-
360	1363	6.0	8.113	810	-	1.2	-
410	1812	4.9	8.803	860	-	1.1	-
460	2504	4.0	10.029	910	-	0.9	-



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

### Sample 1 Width

#### Test Results

Time to ignition	: 2 minutes 19 seconds (139 s)
Time to flameout	: 48 minutes 47 seconds (2927 s)
Extent of burning (mm)	: 490
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 3.58
HF-10 (kW/m <sup>2</sup> )	: 8.98
HF-20 (kW/m <sup>2</sup> )	: 5.73
HF-30 (kW/m <sup>2</sup> )	: 4.35
Flame spread at 10 minutes (mm)	: 230
Flame spread at 20 minutes (mm)	: 370
Flame spread at 30 minutes (mm)	: 440
Peak light attenuation (%)	: 30.04
Time to peak light attenuation	: 6 minutes 37 seconds (397 s)
Total integrated smoke (%.min)	: 218.08



## TEST REPORT

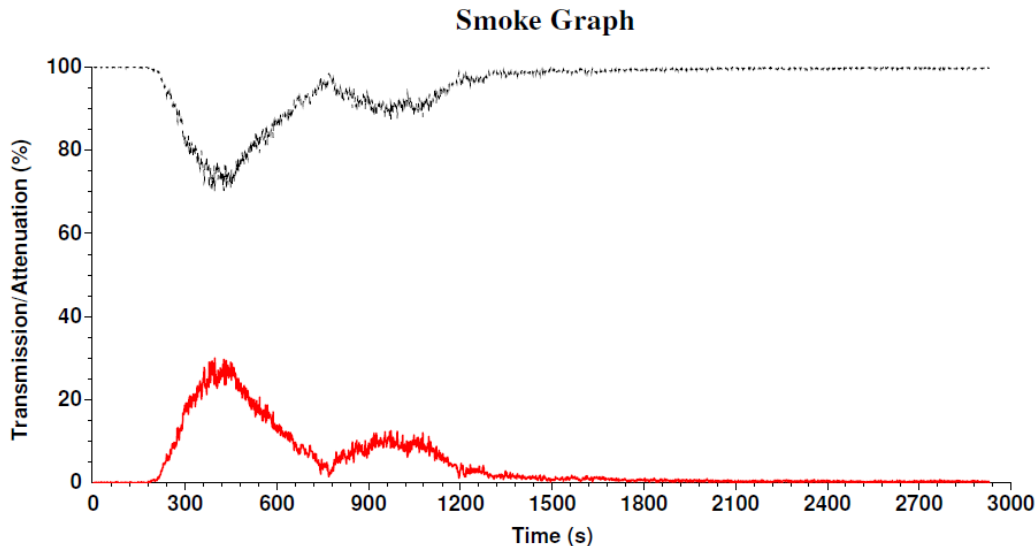
Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

### 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\22040022.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	2.549	510	-	3.3	-
110	325	11.3	3.670	560	-	2.7	-
160	409	10.4	4.268	610	-	2.3	-
210	526	9.5	4.976	660	-	1.9	-
260	718	8.3	5.933	710	-	1.6	-
310	991	7.1	7.061	760	-	1.4	-
360	1160	6.0	6.904	810	-	1.2	-
410	1568	4.9	7.617	860	-	1.1	-
460	2161	4.0	8.655	910	-	0.9	-



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

### Sample 2 Width

#### Test Results

Time to ignition	: 2 minutes 37 seconds (157 s)
Time to flameout	: 51 minutes 08 seconds (3068 s)
Extent of burning (mm)	: 490
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 3.58
HF-10 (kW/m <sup>2</sup> )	: 9.46
HF-20 (kW/m <sup>2</sup> )	: 6.19
HF-30 (kW/m <sup>2</sup> )	: 4.86
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 350
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 26.1
Time to peak light attenuation	: 6 minutes 26 seconds (386 s)
Total integrated smoke (%.min)	: 196.84



## TEST REPORT

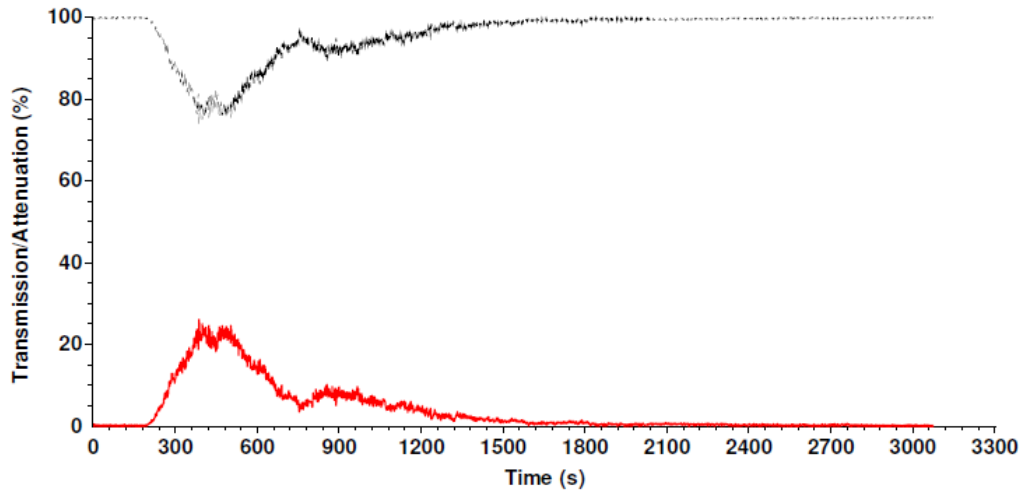
Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

**Sample 2 Width**  
**Light Attenuation Over Time and Rake Results**

Report produced with the Fire Testing Technology FRPSoft software

page 3

### Smoke Graph



Test name : WIDTH2  
 File name : C:\FRPSOFT\DATA\22040023.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	227	12.3	2.782	510	-	3.3	-
110	338	11.3	3.817	560	-	2.7	-
160	436	10.4	4.550	610	-	2.3	-
210	524	9.5	4.958	660	-	1.9	-
260	771	8.3	6.371	710	-	1.6	-
310	980	7.1	6.983	760	-	1.4	-
360	1287	6.0	7.660	810	-	1.2	-
410	1744	4.9	8.472	860	-	1.1	-
460	2441	4.0	9.776	910	-	0.9	-



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

### Sample 3 Width

#### Test Results

Time to ignition	: 2 minutes 25 seconds (145 s)
Time to flameout	: 55 minutes 26 seconds (3326 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 4.01
HF-10 (kW/m <sup>2</sup> )	: 9.46
HF-20 (kW/m <sup>2</sup> )	: 6.66
HF-30 (kW/m <sup>2</sup> )	: 5.08
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 330
Flame spread at 30 minutes (mm)	: 400
Peak light attenuation (%)	: 28.38
Time to peak light attenuation	: 7 minutes 19 seconds (439 s)
Total integrated smoke (%.min)	: 155.91





## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R22-204
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/02/2022
	NSW 2566	Test Date:	20/04/2022
	Australia	Report Date:	28/04/2022

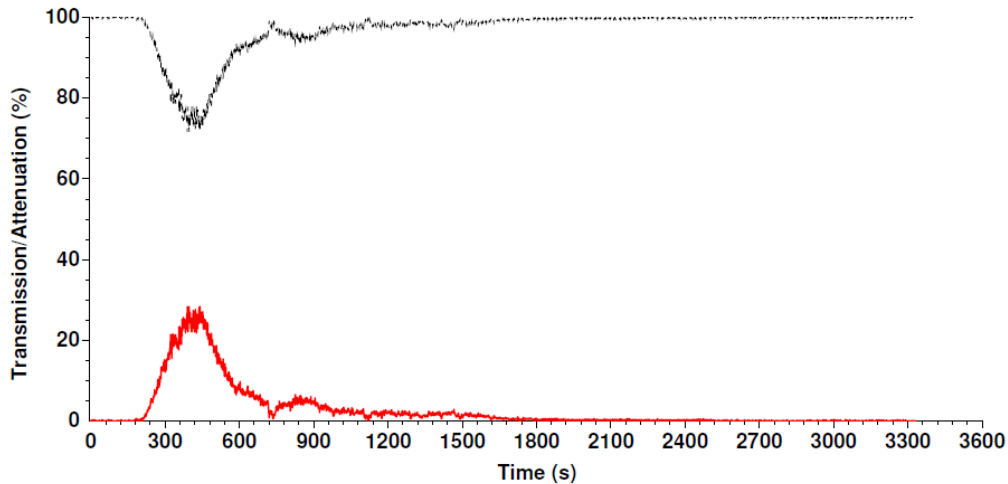
### Sample 3 Width

### Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3

### Smoke Graph



Test name : WIDTH3  
 File name : C:\FRPSOFT\DATA\22040024.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	228	12.3	2.795	510	-	3.3	-
110	331	11.3	3.738	560	-	2.7	-
160	440	10.4	4.592	610	-	2.3	-
210	570	9.5	5.393	660	-	1.9	-
260	759	8.3	6.272	710	-	1.6	-
310	1061	7.1	7.560	760	-	1.4	-
360	1454	6.0	8.654	810	-	1.2	-
410	1993	4.9	9.682	860	-	1.1	-
460	2663	4.0	10.665	910	-	0.9	-

END OF REPORT