

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4632

TEST REPORT

Sample Manufacturir	Interface Australia PTY LTD ng: 34 Airds Road Minto NSW 2566 Australia	Test Report No: Sample Received Date: Test Date: Report Date:	R22-049A 7/02/2022 23/02/2022 25/03/2022
Sample	Client Reference: "TRUE DIMEN	SIONS 16Oz" Test Spon	sor:

Client Reference: "TRUE DIMENSIONS 1602"	Test Sponsor:
Loop Pile Carpet Tile	
100% Solution Dyed Nylon 6	Interface Australia
542g/m ² on a Glasbac Backing	
	Loop Pile Carpet Tile 100% Solution Dyed Nylon 6

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	8.7	-	-	-	kW/m ²
Width	4.8	8.4	4.4	5.9	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	111	-	-	-	%.min
Width	148	118	178	148	%.min
Melting			YES		

Blistering

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.

YES

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.

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SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 0

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Sample 1 Length

Test Results

- Time to ignition Time to flameout Extent of burning (mm) Critical flux at extinguishment (kW/m²) HF-10 (kW/m²) HF-20 (kW/m²) HF-30 (kW/m²) Flame spread at 10 minutes (mm) Flame spread at 20 minutes (mm) Flame spread at 30 minutes (mm) Peak light attenuation (%) Time to peak light attenuation Total integrated smoke (%.min)
- : 2 minutes 18 seconds (138 s) : 13 minutes 32 seconds (812 s) : 250 : 8.66 : Not calculated (test duration < 20 minutes) : Not calculated (test duration < 30 minutes) : 250 : Not measured : Not measured : Not measured : 46.55 : 4 minutes 47 seconds (287 s) : 111.15

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TEST REPORT

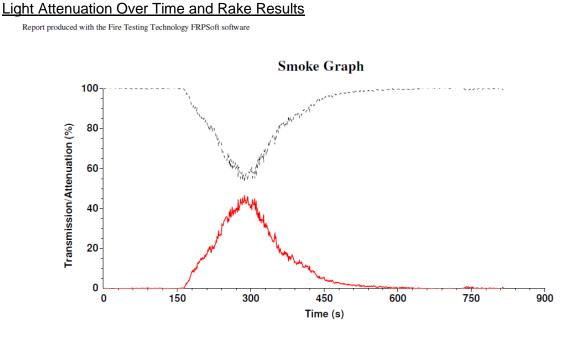
Sample	Interface Australia PTY LTD	Т
Manufacturing:	34 Airds Road Minto	S
-	NSW 2566	Т
	Australia	F

Test Report No: Sample Received Date: Test Date: Report Date:

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Sample 1 Length



Test name : LENGTH1 File name : C:\FRPSOFT\DATA\22020025.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	170	11.9	2.026	510	-	3.3	-
110	219	11.1	2.430	560	-	2.7	-
160	260	10.4	2.700	610	-	2.3	-
210	295	9.6	2.818	660	-	1.9	-
260	-	8.4	-	710	-	1.7	-
310	-	7.4	-	760	-	1.4	-
360	-	6.1	-	810	-	1.2	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

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Test Report No: Sample Received Date: Test Date: Report Date:

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Sample 1 Width

Test Results

Time to ignition	: 2 minutes 26 seconds (146 s)
Time to flameout	: 38 minutes 40 seconds (2320 s)
Extent of burning (mm)	: 420
Critical flux at extinguishment (kW/m ²)	: 4.79
HF-10 (kW/m ²)	: 9.72
HF-20 (kW/m ²)	: 7.38
HF-30 (kW/m ²)	: 5.43
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: 310
Flame spread at 30 minutes (mm)	: 390
Peak light attenuation (%)	: 24.51
Time to peak light attenuation	: 5 minutes 55 seconds (355 s)
Total integrated smoke (%.min)	: 147.88

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	Materials Scientis

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TEST REPORT

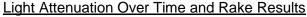
Sample Interface Australia PTY LTD Manufacturing: 34 Airds Road Minto **NSW 2566** Australia

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Sample 1 Width



Report produced with the Fire Testing Technology FRPSoft software

Smoke Graph 100-YPE YALK! 80 Transmission/Attenuation (%) 60-40 20 0 300 600 900 1200 1500 1800 2100 2400 0 Time (s)

Test name : WIDTH1 File name : C:\FRPSOFT\DATA\22020026.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	235	11.9	2.800	510	-	3.3	-
110	323	11.1	3.584	560	-	2.7	-
160	431	10.4	4.476	610	-	2.3	-
210	672	9.6	6.420	660	-	1.9	-
260	964	8.4	8.132	710	-	1.7	-
310	1173	7.4	8.656	760	-	1.4	-
360	1510	6.1	9.261	810	-	1.2	-
410	2124	5.0	10.550	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

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Sample 2 Width

Test Results

Time to ignition	: 2 minutes 17 seconds (137 s)
Time to flameout	: 19 minutes (1140 s)
Extent of burning (mm)	: 260
Critical flux at extinguishment (kW/m ²)	: 8.44
HF-10 (kW/m ²)	: 9.72
HF-20 (kW/m ²)	: Not calculated (test duration < 20 minutes)
HF-30 (kW/m ²)	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 23.24
Time to peak light attenuation	: 6 minutes 37 seconds (397 s)
Total integrated smoke (%.min)	: 117.55

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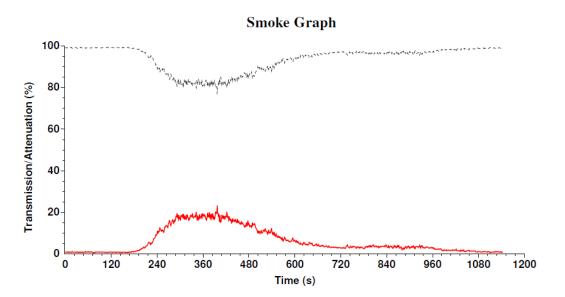
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Sample 2 Width



Report produced with the Fire Testing Technology FRPSoft software



Test name : WIDTH2 File name : C:\FRPSOFT\DATA\22020027.CSV

Rake	Resul	te
Nane	Nesu	LD

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	206	11.9	2.454	510	-	3.3	-
110	330	11.1	3.661	560	-	2.7	-
160	439	10.4	4.559	610	-	2.3	-
210	658	9.6	6.286	660	-	1.9	-
260	1003	8.4	8.461	710	-	1.7	-
310	-	7.4	-	760	-	1.4	-
360	-	6.1	-	810	-	1.2	-
410	-	5.0	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

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Sample 3 Width

Test Results

Time to ignition	: 2 minutes 26 seconds (146 s)
Time to flameout	: 50 minutes 03 seconds (3003 s)
Extent of burning (mm)	: 440
Critical flux at extinguishment (kW/m ²)	: 4.43
HF-10 (kW/m ²)	: 9.33
HF-20 (kW/m ²)	: 7.59
HF-30 (kW/m ²)	: 5.43
Flame spread at 10 minutes (mm)	: 220
Flame spread at 20 minutes (mm)	: 300
Flame spread at 30 minutes (mm)	: 390
Peak light attenuation (%)	: 30.48
Time to peak light attenuation	: 5 minutes 22 seconds (322 s)
Total integrated smoke (%.min)	: 178.05

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This report may not be reproduced except in full and shall be reported youd if amended or altered	Materials Scientist

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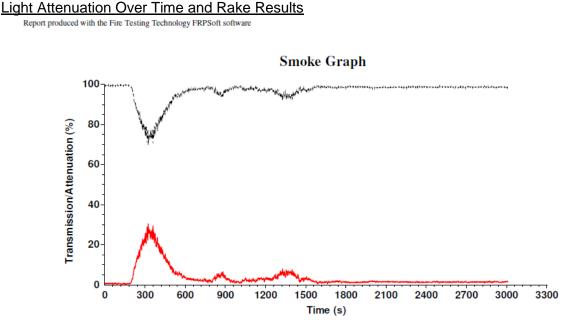
Sample	Interface Australia PTY LTD
Manufacturing:	34 Airds Road Minto
-	NSW 2566
	Australia

Test Report No: Sample Received Date: Test Date: Report Date:

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Sample 3 Width



Test name : WIDTH3 File name : C:\FRPSOFT\DATA\22020028.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	186	11.9	2.216	510	-	3.3	-
110	280	11.1	3.107	560	-	2.7	-
160	361	10.4	3.749	610	-	2.3	-
210	498	9.6	4.757	660	-	1.9	-
260	845	8.4	7.128	710	-	1.7	-
310	1234	7.4	9.106	760	-	1.4	-
360	1491	6.1	9.144	810	-	1.2	-
410	1971	5.0	9.790	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

END OF REPORT

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