

SYDNEY CARPET LAB OF INTERFACE AUST, PTY LIMITED - ABN 39 000 692 026

Interface Australia

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

TEST REPORT

Sample Manufacturin	Interface Australia PTY LTD g: 34 Airds Road Minto NSW 2566 Australia	Test Report No: Sample Received Date: Test Date: Report Date:	R24-057 2/04/2024 30/01/2024 2/05/2024
Sample Description:	Client Reference: "ZERA" Loop Pile Carpet Tile	Test Spons	sor:

100% Solution Dyed Nylon 6

1051g/m² on a Glasbac Backing

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	3.8	3.8	5.1	4.2	kW/m ²
Width	3.8	-	-	-	kW/m²

Smake Value	Sample 1	Somalo 2	Somalo 2	Maan	
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	178	241	183	200	%.min
Width	169	-	-	-	%.min
Melting			YES		
Blistering			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.

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.

ALISON ATTENBOROUGH Product Technical Manager APPROVED SIGNATORY

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Sample 1 Length

Test Results

Time to ignition	: 2 minutes 13 seconds (133 s)
Time to flameout	: 65 minutes 21 seconds (3921 s)
Extent of burning (mm)	: 480
Critical flux at extinguishment (kW/m ²)	: 3.77
HF-10 (kW/m ²)	: 8.99
HF-20 (kW/m ²)	: 7.06
HF-30 (kW/m ²)	: 6.17
Flame spread at 10 minutes (mm)	: 230
Flame spread at 20 minutes (mm)	: 310
Flame spread at 30 minutes (mm)	: 350
Peak light attenuation (%)	: 35.22
Time to peak light attenuation	: 8 minutes 53 seconds (533 s)
Total integrated smoke (%.min)	: 177.6

Page 2 of 9	
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TEST REPORT

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

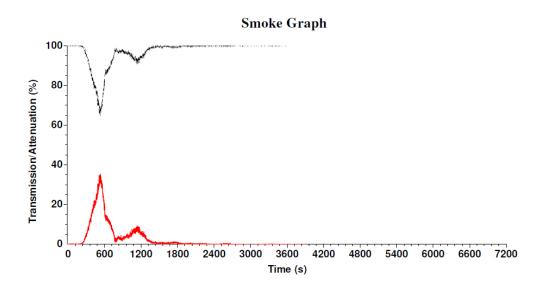
Test Report No: Sample Received Date: Test Date: Report Date:

R24-057 2/04/2024 30/01/2024 2/05/2024

Sample 1 Length Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH1 File name : C:\FRPSOFT\DATA\24010049.CSV

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Rake Results

Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m²)	Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m ²)
60	329	12.1	3.983	510	-	3.3	-
110	385	11.2	4.311	560	-	2.8	-
160	465	10.4	4.836	610	-	2.3	-
210	542	9.5	5.140	660	-	2.0	-
260	859	8.2	7.078	710	-	1.7	-
310	1129	7.1	7.967	760	-	1.4	-
360	1912	5.9	11.363	810	-	1.2	-
410	2589	4.9	12.709	860	-	1.0	-

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Page 3 of 9

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TEST REPORT

Sample Manufacturing: Interface Australia PTY LTD 34 Airds Road Minto NSW 2566 Australia Test Report No: Sample Received Date: Test Date: Report Date: R24-057 2/04/2024 30/01/2024 2/05/2024

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 09 seconds (129 s)
Time to flameout	: 64 minutes 11 seconds (3851 s)
Extent of burning (mm)	: 480
Critical flux at extinguishment (kW/m ²)	: 3.77
HF-10 (kW/m ²)	: 9.85
HF-20 (kW/m ²)	: 7.53
HF-30 (kW/m ²)	: 5.94
Flame spread at 10 minutes (mm)	: 190
Flame spread at 20 minutes (mm)	: 290
Flame spread at 30 minutes (mm)	: 360
Peak light attenuation (%)	: 21.86
Time to peak light attenuation	: 8 minutes 27 seconds (507 s)
Total integrated smoke (%.min)	: 168.73

Page 4 of 9	
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TEST REPORT

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

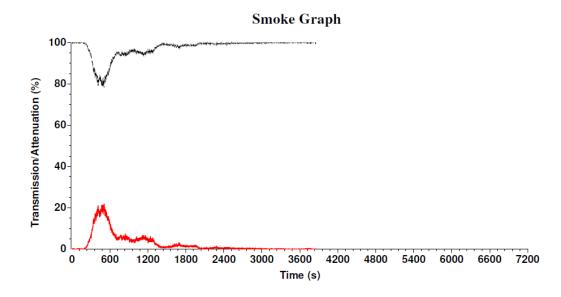
Test Report No: Sample Received Date: Test Date: Report Date:

R24-057 2/04/2024 30/01/2024 2/05/2024

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\24010050.CSV

Rake Results

Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²) Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²)

60	304	12.1	3.680	510	-	3.3	-
110	381	11.2	4.266	560	-	2.8	-
160	464	10.4	4.826	610	-	2.3	-
210	759	9.5	7.198	660	-	2.0	-
260	930	8.2	7.663	710	-	1.7	-
310	1322	7.1	9.329	760	-	1.4	-
360	1802	5.9	10.709	810	-	1.2	-
410	2309	4.9	11.335	860	-	1.0	-
460	3042	4.1	12.344	910	-	0.9	-

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Page 5 of 9

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TEST REPORT

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

R24-057 2/04/2024 30/01/2024 2/05/2024

Sample 2 Length

Test Results

Time to invition	(2) = (12) = (12)
Time to ignition	: 2 minutes 16 seconds (136 s)
Time to flameout	: 67 minutes 46 seconds (4066 s)
Extent of burning (mm)	: 480
Critical flux at extinguishment (kW/m ²)	: 3.77
HF-10 (kW/m ²)	: 9.67
HF-20 (kW/m ²)	: 6.83
HF-30 (kW/m ²)	: 5.74
Flame spread at 10 minutes (mm)	: 200
Flame spread at 20 minutes (mm)	: 320
Flame spread at 30 minutes (mm)	: 370
Peak light attenuation (%)	: 38.44
Time to peak light attenuation	: 10 minutes 55 seconds (655 s)
Total integrated smoke (%.min)	: 240.97

Page 6 of 9	
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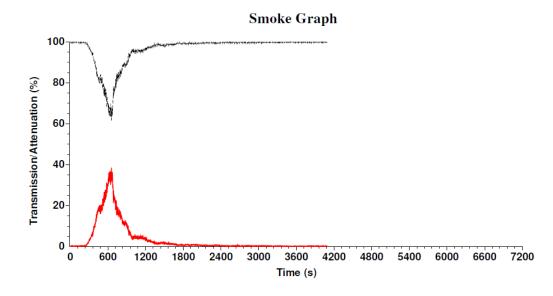
Test Report No: Sample Received Date: Test Date: Report Date:

R24-057 2/04/2024 30/01/2024 2/05/2024

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\24010051.CSV

Rake Results

Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²) Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²)

60	198	12.1	2.397	510	-	3.3	-
110	364	11.2	4.076	560	-	2.8	-
160	532	10.4	5.533	610	-	2.3	-
210	641	9.5	6.079	660	-	2.0	-
260	821	8.2	6.765	710	-	1.7	-
310	1009	7.1	7.121	760	-	1.4	-
360	1559	5.9	9.265	810	-	1.2	-
410	2083	4.9	10.225	860	-	1.0	-
460	2989	4.1	12.129	910	-	0.9	-

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Page 7 of 9

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Sample 3 Length

Test Results

Time to ignition	: 2 minutes 11 seconds (131 s)
Time to flameout	: 42 minutes 48 seconds (2568 s)
Extent of burning (mm)	: 400
Critical flux at extinguishment (kW/m ²)	: 5.12
HF-10 (kW/m ²)	: 9.48
HF-20 (kW/m ²)	: 6.61
HF-30 (kW/m ²)	: 5.74
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 330
Flame spread at 30 minutes (mm)	: 370
Peak light attenuation (%)	: 26.73
Time to peak light attenuation	: 8 minutes 42 seconds (522 s)
Total integrated smoke (%.min)	: 182.52

Page 8 of 9	
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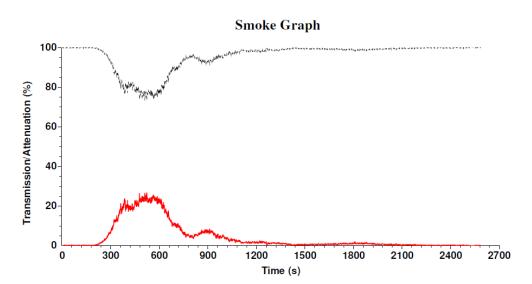
R24-057 2/04/2024 30/01/2024 2/05/2024

page 3

Sample 3 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software



Test name : LENGTH3 File name : C:\FRPSOFT\DATA\24010052.CSV

Rake Results

Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²) Position (mm) Time (s) Flux (kW/m²) Qsb (MJ/m²)

60	217	12.1	2.627	510	-	3.3	-
110	313	11.2	3.505	560	-	2.8	-
160	458	10.4	4.764	610	-	2.3	-
210	590	9.5	5.596	660	-	2.0	-
260	784	8.2	6.460	710	-	1.7	-
310	1126	7.1	7.946	760	-	1.4	-
360	1581	5.9	9.396	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.1	-	910	-	0.9	-

END OF REPORT

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Page 9 of 9

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