



TEST REPORT

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

Test Report No: R23-136
Sample Received Date: 14/07/2023
Test Date: 9/10/2023
Report Date: 19/10/2023

Sample Description: Client Reference: "FORTNIGHT"
Loop Pile Carpet Tile
100% Solution Dyed Nylon 6
1221g/m² 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	4.0	-	-	-	kW/m ²
Width	3.9	4.2	4.2	4.1	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	251	-	-	-	%.min
Width	266	265	381	304	%.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.

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 12 seconds (132 s)
Time to flameout	: 58 minutes 10 seconds (3490 s)
Extent of burning (mm)	: 470
Critical flux at extinguishment (kW/m ²)	: 4.05
HF-10 (kW/m ²)	: 8.81
HF-20 (kW/m ²)	: 6.28
HF-30 (kW/m ²)	: 5.11
Flame spread at 10 minutes (mm)	: 240
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 31.25
Time to peak light attenuation	: 8 minutes 20 seconds (500 s)
Total integrated smoke (%.min)	: 250.9

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

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

TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

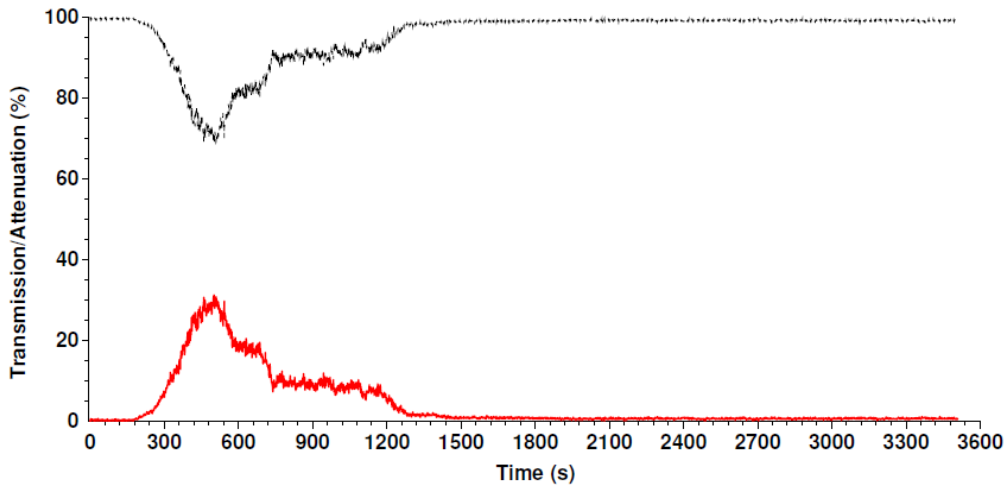
Sample 1 Length

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\23100009.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	245	12.5	3.062	510	-	3.4	-
110	387	11.4	4.421	560	-	2.9	-
160	457	10.5	4.780	610	-	2.4	-
210	539	9.4	5.054	660	-	2.0	-
260	715	8.4	6.026	710	-	1.7	-
310	935	7.5	7.051	760	-	1.5	-
360	1170	6.3	7.351	810	-	1.3	-
410	1775	5.1	9.061	860	-	1.1	-
460	2600	4.2	10.928	910	-	1.0	-

Accreditation No.2834.

Accredited for compliance with ISO/IEC 17025 - Testing

The results of the test, calibrations and/or measurements included in this document are traceable to Australian/ International Standards.

This report may not be reproduced except in full and shall be rendered void if amended or altered. The results on this report are related only to the items tested.

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 20 seconds (140 s)
Time to flameout	: 52 minutes 47 seconds (3167 s)
Extent of burning (mm)	: 480
Critical flux at extinguishment (kW/m ²)	: 3.90
HF-10 (kW/m ²)	: 8.25
HF-20 (kW/m ²)	: 6.05
HF-30 (kW/m ²)	: 4.56
Flame spread at 10 minutes (mm)	: 270
Flame spread at 20 minutes (mm)	: 370
Flame spread at 30 minutes (mm)	: 440
Peak light attenuation (%)	: 43.55
Time to peak light attenuation	: 7 minutes 22 seconds (442 s)
Total integrated smoke (%.min)	: 266.4

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

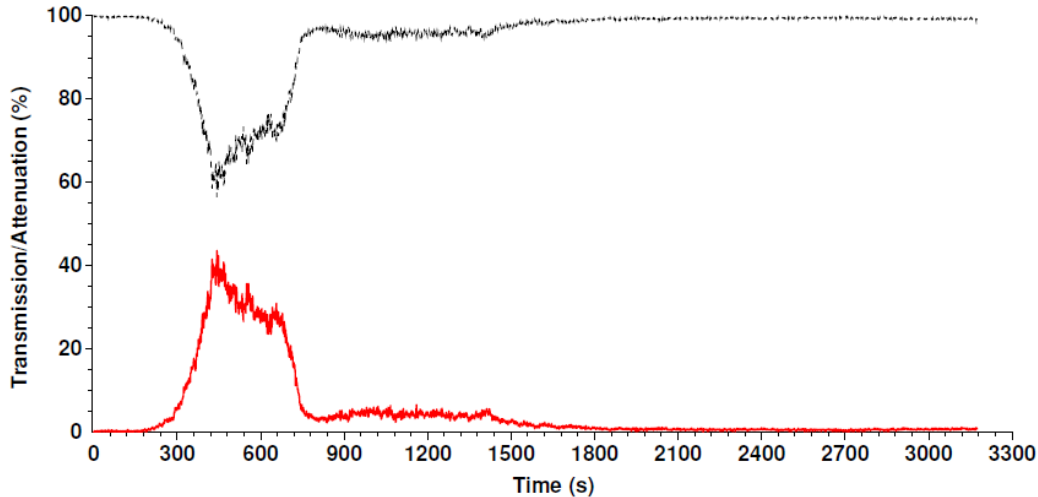
Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

Sample 1 Width
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3

Smoke Graph



Test name : WIDTH1
 File name : C:\FRPSOFT\DATA\23100010.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	238	12.5	2.974	510	-	3.4	-
110	357	11.4	4.078	560	-	2.9	-
160	418	10.5	4.372	610	-	2.4	-
210	489	9.4	4.585	660	-	2.0	-
260	541	8.4	4.560	710	-	1.7	-
310	817	7.5	6.161	760	-	1.5	-
360	1155	6.3	7.257	810	-	1.3	-
410	1468	5.1	7.494	860	-	1.1	-
460	2045	4.2	8.595	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

Sample 2 Width

Test Results

Time to ignition	: 2 minutes 12 seconds (132 s)
Time to flameout	: 51 minutes 26 seconds (3086 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.20
HF-10 (kW/m ²)	: 8.43
HF-20 (kW/m ²)	: 6.28
HF-30 (kW/m ²)	: 5.11
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 40.51
Time to peak light attenuation	: 7 minutes 23 seconds (443 s)
Total integrated smoke (%.min)	: 265.34

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

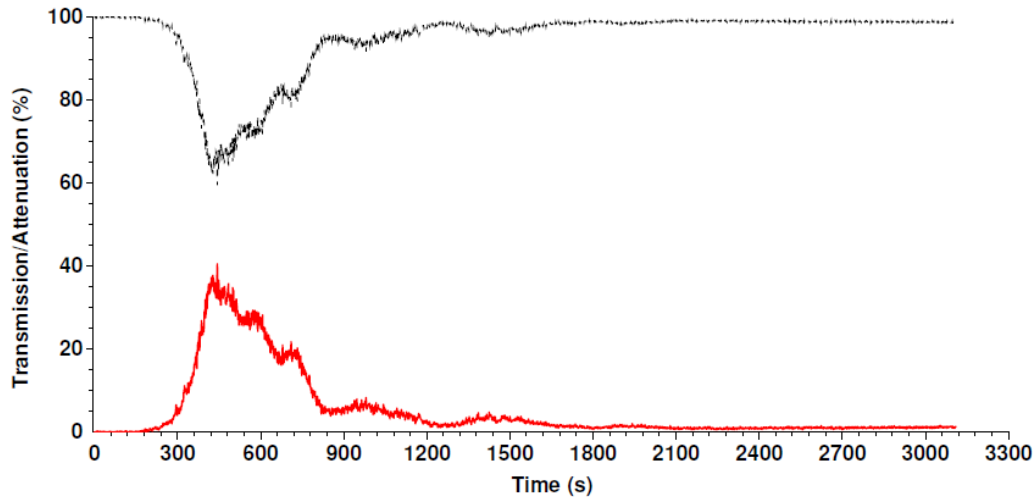
Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

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\23100011.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	271	12.5	3.387	510	-	3.4	-
110	364	11.4	4.158	560	-	2.9	-
160	484	10.5	5.062	610	-	2.4	-
210	503	9.4	4.716	660	-	2.0	-
260	599	8.4	5.048	710	-	1.7	-
310	862	7.5	6.500	760	-	1.5	-
360	1149	6.3	7.219	810	-	1.3	-
410	1539	5.1	7.857	860	-	1.1	-
460	2193	4.2	9.217	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

Sample 3 Width

Test Results

Time to ignition	: 2 minutes 19 seconds (139 s)
Time to flameout	: 49 minutes 25 seconds (2965 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.20
HF-10 (kW/m ²)	: 8.43
HF-20 (kW/m ²)	: 6.05
HF-30 (kW/m ²)	: 4.74
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 370
Flame spread at 30 minutes (mm)	: 430
Peak light attenuation (%)	: 40.85
Time to peak light attenuation	: 7 minutes 29 seconds (449 s)
Total integrated smoke (%.min)	: 381.45

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-136
Manufacturing:	34 Airds Road Minto	Sample Received Date:	14/07/2023
	NSW 2566	Test Date:	9/10/2023
	Australia	Report Date:	19/10/2023

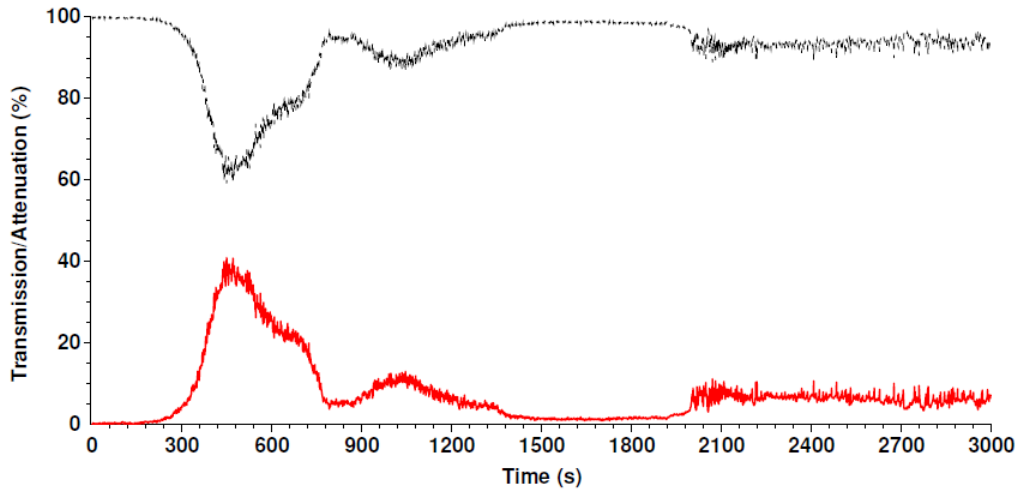
Sample 3 Width

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\23100012.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	221	12.5	2.762	510	-	3.4	-
110	279	11.4	3.187	560	-	2.9	-
160	421	10.5	4.403	610	-	2.4	-
210	457	9.4	4.285	660	-	2.0	-
260	562	8.4	4.737	710	-	1.7	-
310	887	7.5	6.689	760	-	1.5	-
360	1068	6.3	6.710	810	-	1.3	-
410	1461	5.1	7.458	860	-	1.1	-
460	2425	4.2	10.192	910	-	1.0	-

END OF REPORT

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY