



TEST REPORT

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

Test Report No: R23-137
Sample Received Date: 13/07/2023
Test Date: 10/10/2023
Report Date: 19/10/2023

Sample Description: Client Reference: "YESTERDAYS"
Loop Pile Carpet Tile
100% Solution Dyed Nylon 6
882g/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	3.8	-	-	-	kW/m ²
Width	3.2	3.4	3.1	3.3	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	237	-	-	-	%.min
Width	248	237	219	235	%.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:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 12 seconds (132 s)
Time to flameout	: 46 minutes 58 seconds (2818 s)
Extent of burning (mm)	: 490
Critical flux at extinguishment (kW/m ²)	: 3.75
HF-10 (kW/m ²)	: 8.43
HF-20 (kW/m ²)	: 5.81
HF-30 (kW/m ²)	: 4.56
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 380
Flame spread at 30 minutes (mm)	: 440
Peak light attenuation (%)	: 37.77
Time to peak light attenuation	: 6 minutes 34 seconds (394 s)
Total integrated smoke (%.min)	: 236.51

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

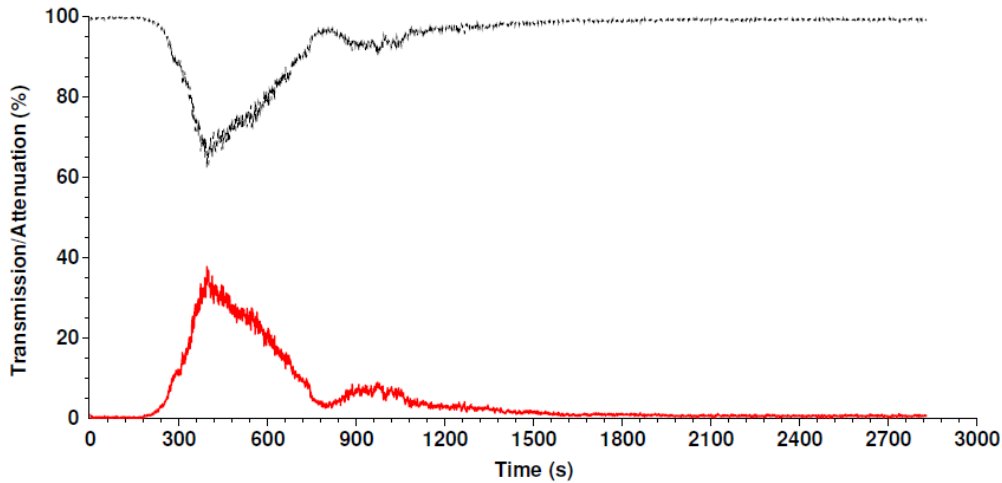
Sample 1 Length

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\23100013.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	240	12.5	2.999	510	-	3.4	-
110	327	11.4	3.735	560	-	2.9	-
160	401	10.5	4.194	610	-	2.4	-
210	458	9.4	4.294	660	-	2.0	-
260	547	8.4	4.610	710	-	1.7	-
310	799	7.5	6.025	760	-	1.5	-
360	1088	6.3	6.836	810	-	1.3	-
410	1437	5.1	7.336	860	-	1.1	-
460	1981	4.2	8.326	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 12 seconds (132 s)
Time to flameout	: 55 minutes 24 seconds (3324 s)
Extent of burning (mm)	: 530
Critical flux at extinguishment (kW/m ²)	: 3.21
HF-10 (kW/m ²)	: 7.90
HF-20 (kW/m ²)	: 5.58
HF-30 (kW/m ²)	: 3.75
Flame spread at 10 minutes (mm)	: 290
Flame spread at 20 minutes (mm)	: 390
Flame spread at 30 minutes (mm)	: 490
Peak light attenuation (%)	: 41.94
Time to peak light attenuation	: 6 minutes 33 seconds (393 s)
Total integrated smoke (%.min)	: 248.47

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

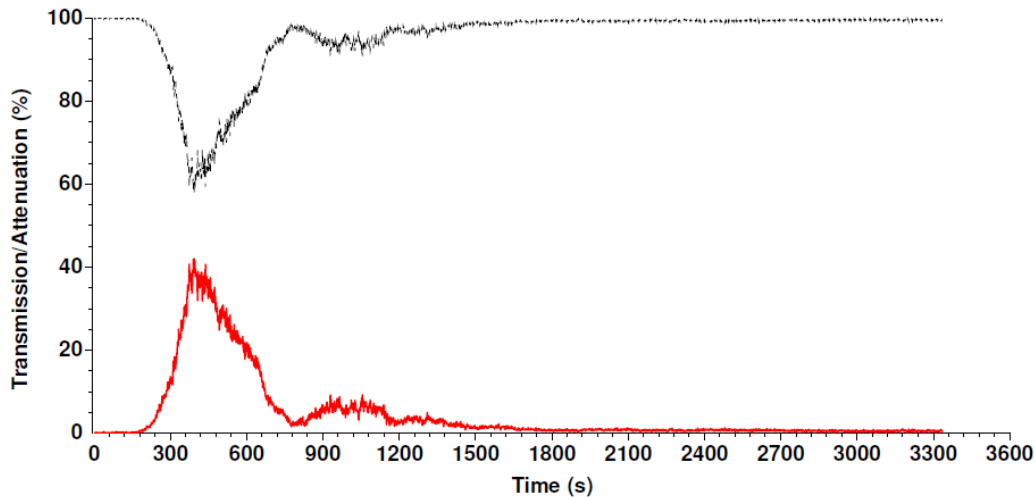
Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

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\23100014.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	220	12.5	2.749	510	2746	3.4	9.449
110	304	11.4	3.473	560	-	2.9	-
160	381	10.5	3.985	610	-	2.4	-
210	480	9.4	4.500	660	-	2.0	-
260	515	8.4	4.340	710	-	1.7	-
310	716	7.5	5.399	760	-	1.5	-
360	1010	6.3	6.346	810	-	1.3	-
410	1448	5.1	7.392	860	-	1.1	-
460	1950	4.2	8.196	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

Sample 2 Width

Test Results

Time to ignition	: 2 minutes 11 seconds (131 s)
Time to flameout	: 52 minutes 26 seconds (3146 s)
Extent of burning (mm)	: 510
Critical flux at extinguishment (kW/m ²)	: 3.44
HF-10 (kW/m ²)	: 8.43
HF-20 (kW/m ²)	: 6.28
HF-30 (kW/m ²)	: 4.92
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: 420
Peak light attenuation (%)	: 42.6
Time to peak light attenuation	: 7 minutes 02 seconds (422 s)
Total integrated smoke (%.min)	: 236.54

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

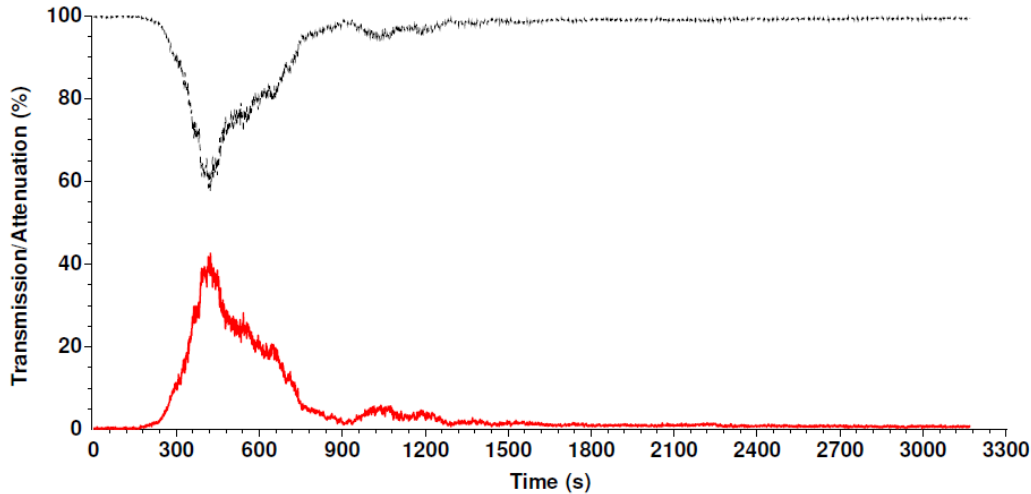
Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

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\23100015.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	188	12.5	2.349	510	2961	3.4	10.189
110	263	11.4	3.004	560	-	2.9	-
160	365	10.5	3.818	610	-	2.4	-
210	505	9.4	4.735	660	-	2.0	-
260	573	8.4	4.829	710	-	1.7	-
310	765	7.5	5.769	760	-	1.5	-
360	1173	6.3	7.370	810	-	1.3	-
410	1696	5.1	8.658	860	-	1.1	-
460	2305	4.2	9.688	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

Sample 3 Width

Test Results

Time to ignition	: 2 minutes 13 seconds (133 s)
Time to flameout	: 62 minutes 59 seconds (3779 s)
Extent of burning (mm)	: 540
Critical flux at extinguishment (kW/m ²)	: 3.10
HF-10 (kW/m ²)	: 8.43
HF-20 (kW/m ²)	: 5.81
HF-30 (kW/m ²)	: 4.56
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 380
Flame spread at 30 minutes (mm)	: 440
Peak light attenuation (%)	: 42.46
Time to peak light attenuation	: 6 minutes 50 seconds (410 s)
Total integrated smoke (%.min)	: 219.17

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

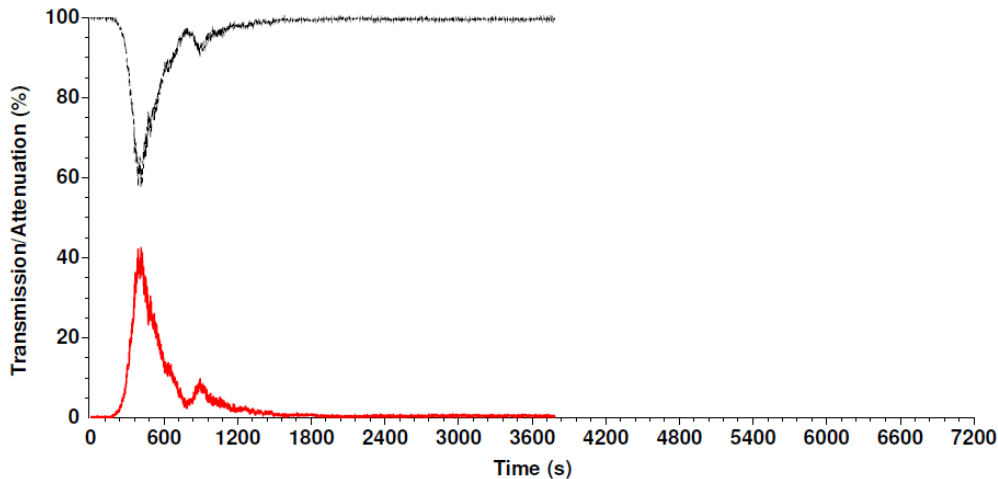
Sample	Interface Australia PTY LTD	Test Report No:	R23-137
Manufacturing:	34 Airds Road Minto	Sample Received Date:	13/07/2023
	NSW 2566	Test Date:	10/10/2023
	Australia	Report Date:	19/10/2023

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\23100016.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	196	12.5	2.449	510	2644	3.4	9.098
110	343	11.4	3.918	560	-	2.9	-
160	374	10.5	3.912	610	-	2.4	-
210	452	9.4	4.238	660	-	2.0	-
260	533	8.4	4.492	710	-	1.7	-
310	761	7.5	5.739	760	-	1.5	-
360	1090	6.3	6.848	810	-	1.3	-
410	1407	5.1	7.183	860	-	1.1	-
460	1975	4.2	8.301	910	-	1.0	-

END OF REPORT

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY