



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample	Client Reference: "EMPLOY LINES"	Test Sponsor:
Description:	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	508g/m ² 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	3.9	-	-	-	kW/m ²
Width	4.2	4.0	4.0	4.0	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	173	-	-	-	%.min
Width	171	162	148	161	%.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:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 11 seconds (131 s)
Time to flameout	: 49 minutes 19 seconds (2959 s)
Extent of burning (mm)	: 470
Critical flux at extinguishment (kW/m ²)	: 3.85
HF-10 (kW/m ²)	: 8.87
HF-20 (kW/m ²)	: 6.10
HF-30 (kW/m ²)	: 4.53
Flame spread at 10 minutes (mm)	: 230
Flame spread at 20 minutes (mm)	: 350
Flame spread at 30 minutes (mm)	: 430
Peak light attenuation (%)	: 29.93
Time to peak light attenuation	: 5 minutes 13 seconds (313 s)
Total integrated smoke (%.min)	: 172.7

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

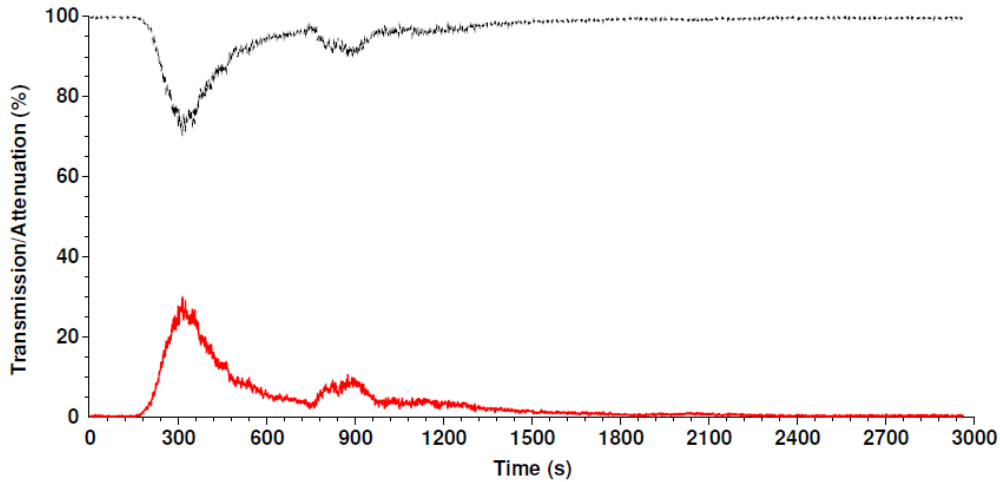
Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

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\23110045.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	12.3	2.726	510	-	3.3	-
110	286	11.3	3.235	560	-	2.7	-
160	361	10.4	3.753	610	-	2.3	-
210	488	9.4	4.569	660	-	1.9	-
260	740	8.1	6.022	710	-	1.7	-
310	957	7.0	6.673	760	-	1.4	-
360	1281	5.9	7.541	810	-	1.3	-
410	1619	4.9	7.904	860	-	1.1	-
460	2173	4.0	8.688	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 16 seconds (136 s)
Time to flameout	: 38 minutes 31 seconds (2311 s)
Extent of burning (mm)	: 450
Critical flux at extinguishment (kW/m ²)	: 4.17
HF-10 (kW/m ²)	: 9.36
HF-20 (kW/m ²)	: 6.32
HF-30 (kW/m ²)	: 4.88
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 340
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 26.67
Time to peak light attenuation	: 5 minutes 04 seconds (304 s)
Total integrated smoke (%.min)	: 171.06

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



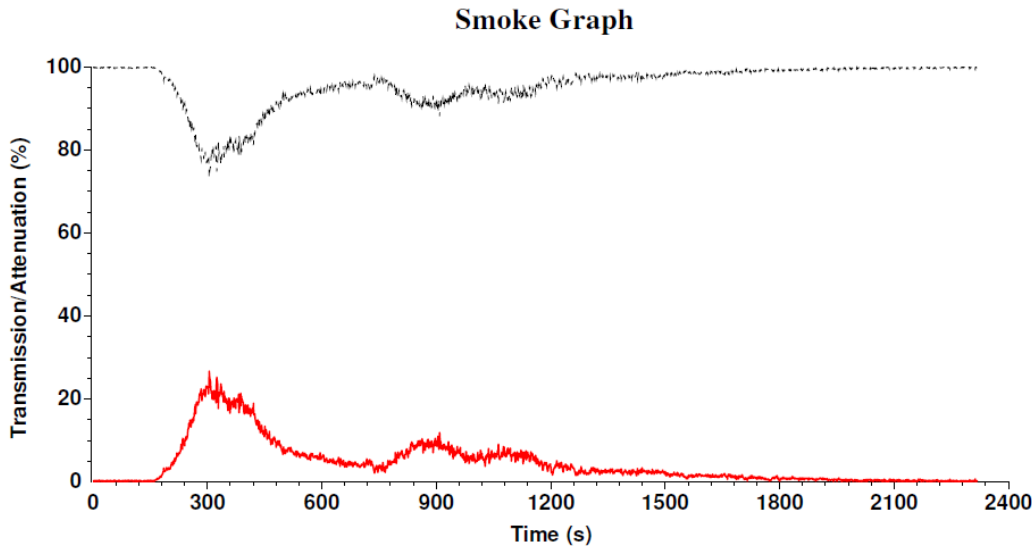
TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

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\23110046.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	231	12.3	2.850	510	-	3.3	-
110	304	11.3	3.439	560	-	2.7	-
160	391	10.4	4.065	610	-	2.3	-
210	592	9.4	5.542	660	-	1.9	-
260	774	8.1	6.299	710	-	1.7	-
310	1026	7.0	7.154	760	-	1.4	-
360	1318	5.9	7.759	810	-	1.3	-
410	1668	4.9	8.143	860	-	1.1	-
460	-	4.0	-	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 2 Length

Test Results

Time to ignition	: 2 minutes 15 seconds (135 s)
Time to flameout	: 35 minutes 11 seconds (2111 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.00
HF-10 (kW/m ²)	: 9.12
HF-20 (kW/m ²)	: 6.10
HF-30 (kW/m ²)	: 4.35
Flame spread at 10 minutes (mm)	: 220
Flame spread at 20 minutes (mm)	: 350
Flame spread at 30 minutes (mm)	: 440
Peak light attenuation (%)	: 21.26
Time to peak light attenuation	: 6 minutes 13 seconds (373 s)
Total integrated smoke (%.min)	: 161.62

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

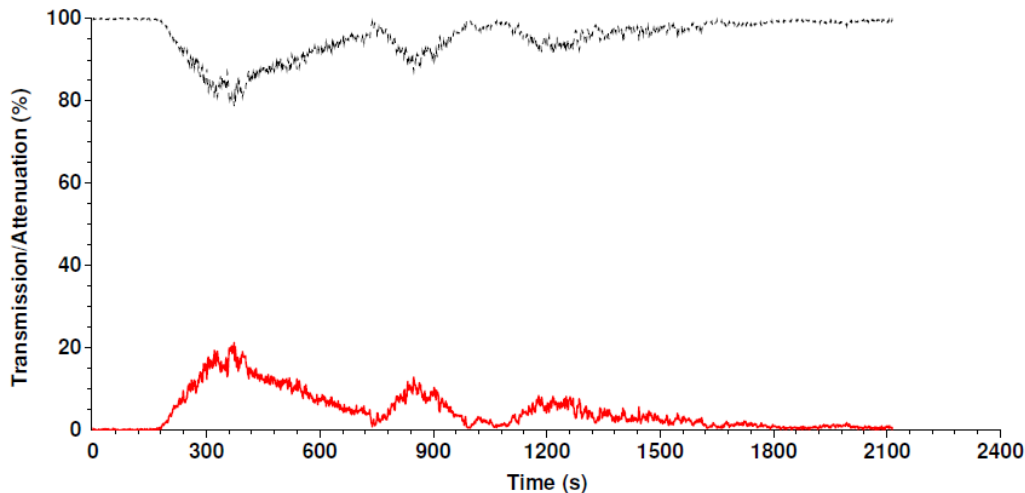
Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 2 Length
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3

Smoke Graph



Test name : LENGTH2
 File name : C:\FRPSOFT\DATA\23110047.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	201	12.3	2.480	510	-	3.3	-
110	277	11.3	3.133	560	-	2.7	-
160	390	10.4	4.055	610	-	2.3	-
210	501	9.4	4.690	660	-	1.9	-
260	832	8.1	6.771	710	-	1.7	-
310	997	7.0	6.952	760	-	1.4	-
360	1323	5.9	7.789	810	-	1.3	-
410	1527	4.9	7.455	860	-	1.1	-
460	2031	4.0	8.120	910	-	1.0	-

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 3 Length

Test Results

Time to ignition	: 2 minutes 13 seconds (133 s)
Time to flameout	: 52 minutes 07 seconds (3127 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.00
HF-10 (kW/m ²)	: 8.38
HF-20 (kW/m ²)	: 6.76
HF-30 (kW/m ²)	: 6.10
Flame spread at 10 minutes (mm)	: 250
Flame spread at 20 minutes (mm)	: 320
Flame spread at 30 minutes (mm)	: 350
Peak light attenuation (%)	: 35.9
Time to peak light attenuation	: 5 minutes 36 seconds (336 s)
Total integrated smoke (%.min)	: 147.51



TEST REPORT

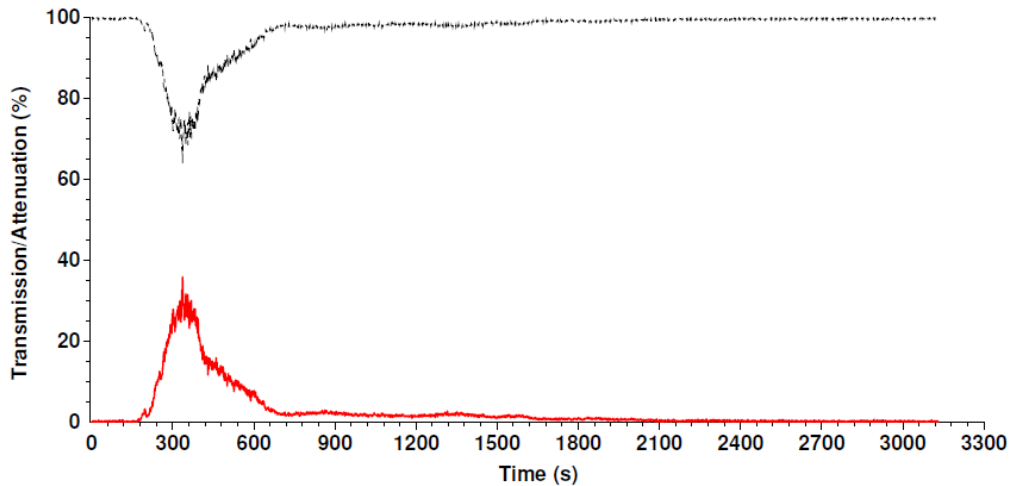
Sample	Interface Australia PTY LTD	Test Report No:	R23-169
Manufacturing:	34 Airds Road Minto	Sample Received Date:	24/11/2023
	NSW 2566	Test Date:	27/11/2023
	Australia	Report Date:	27/11/2023

Sample 3 Length
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3

Smoke Graph



Test name : LENGTH3
 File name : C:\FRPSOFT\DATA\23110048.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	181	12.3	2.233	510	-	3.3	-
110	235	11.3	2.658	560	-	2.7	-
160	318	10.4	3.306	610	-	2.3	-
210	368	9.4	3.445	660	-	1.9	-
260	761	8.1	6.193	710	-	1.7	-
310	1004	7.0	7.001	760	-	1.4	-
360	1882	5.9	11.079	810	-	1.3	-
410	2123	4.9	10.364	860	-	1.1	-
460	2991	4.0	11.958	910	-	1.0	-

END OF REPORT

ALISON ATTENBOROUGH
Product Technical Manager

APPROVED SIGNATORY