



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

Sample	Client Reference: "PARCHMENT"	Test Sponsor:
Description:	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	780g/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	4.0	-	-	-	kW/m ²
Width	3.9	4.5	4.0	4.2	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	156	-	-	-	%.min
Width	172	154	180	169	%.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.



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 17 seconds (137 s)
Time to flameout	: 58 minutes 50 seconds (3530 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.03
HF-10 (kW/m ²)	: 9.41
HF-20 (kW/m ²)	: 6.80
HF-30 (kW/m ²)	: 5.30
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 320
Flame spread at 30 minutes (mm)	: 390
Peak light attenuation (%)	: 26.58
Time to peak light attenuation	: 7 minutes 25 seconds (445 s)
Total integrated smoke (%.min)	: 155.93



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

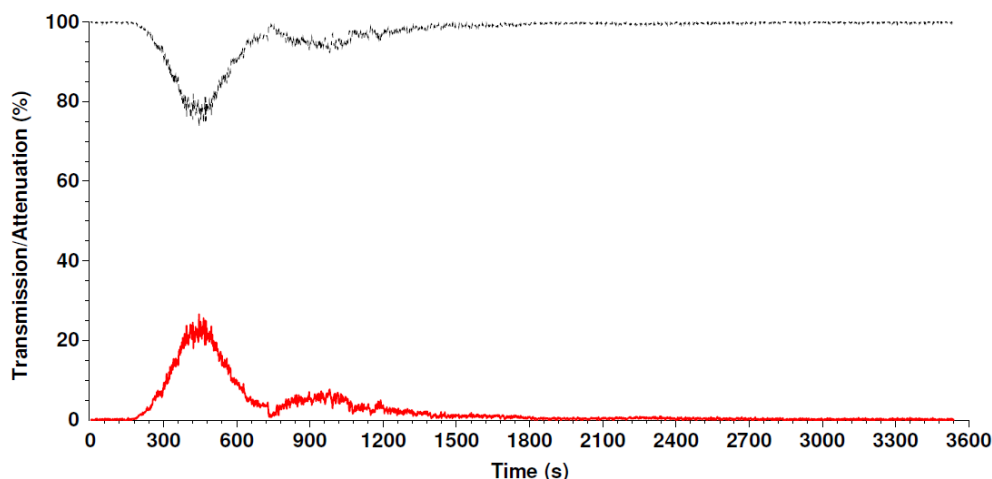
Sample 1 Length

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\24120013.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	283	12.3	3.484	510	-	3.3	-
110	378	11.3	4.275	560	-	2.7	-
160	435	10.4	4.532	610	-	2.3	-
210	594	9.4	5.588	660	-	2.0	-
260	823	8.2	6.737	710	-	1.7	-
310	1135	7.0	7.973	760	-	1.5	-
360	1534	5.9	9.074	810	-	1.3	-
410	2121	4.9	10.361	860	-	1.1	-
460	3026	4.0	12.195	910	-	1.0	-

MAIKO NISHIO
Laboratory Coordinator
APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 14 seconds (134 s)
Time to flameout	: 44 minutes 59 seconds (2699 s)
Extent of burning (mm)	: 470
Critical flux at extinguishment (kW/m ²)	: 3.89
HF-10 (kW/m ²)	: 8.19
HF-20 (kW/m ²)	: 6.14
HF-30 (kW/m ²)	: 4.89
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 350
Flame spread at 30 minutes (mm)	: 410
Peak light attenuation (%)	: 46.24
Time to peak light attenuation	: 5 minutes 53 seconds (353 s)
Total integrated smoke (%.min)	: 171.79



TEST REPORT

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

Test Report No: R24-278
Sample Received Date: 11/11/2024
Test Date: 11/12/2024
Report Date: 13/12/2024

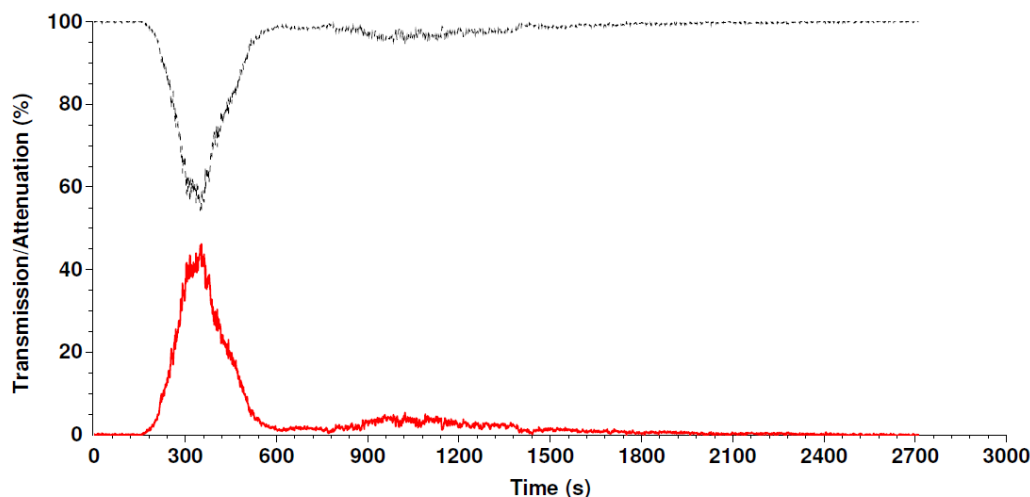
Sample 1 Width

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\24120014.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	217	12.3	2.672	510	-	3.3	-
110	277	11.3	3.133	560	-	2.7	-
160	305	10.4	3.178	610	-	2.3	-
210	356	9.4	3.349	660	-	2.0	-
260	580	8.2	4.748	710	-	1.7	-
310	930	7.0	6.533	760	-	1.5	-
360	1295	5.9	7.660	810	-	1.3	-
410	1727	4.9	8.436	860	-	1.1	-
460	2386	4.0	9.616	910	-	1.0	-

MAIKO NISHIO
Laboratory Coordinator
APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

Sample 2 Width

Test Results

Time to ignition	: 2 minutes 15 seconds (135 s)
Time to flameout	: 40 minutes 39 seconds (2439 s)
Extent of burning (mm)	: 430
Critical flux at extinguishment (kW/m ²)	: 4.54
HF-10 (kW/m ²)	: 9.41
HF-20 (kW/m ²)	: 6.58
HF-30 (kW/m ²)	: 5.09
Flame spread at 10 minutes (mm)	: 210
Flame spread at 20 minutes (mm)	: 330
Flame spread at 30 minutes (mm)	: 400
Peak light attenuation (%)	: 27.07
Time to peak light attenuation	: 6 minutes 40 seconds (400 s)
Total integrated smoke (%.min)	: 154.17



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

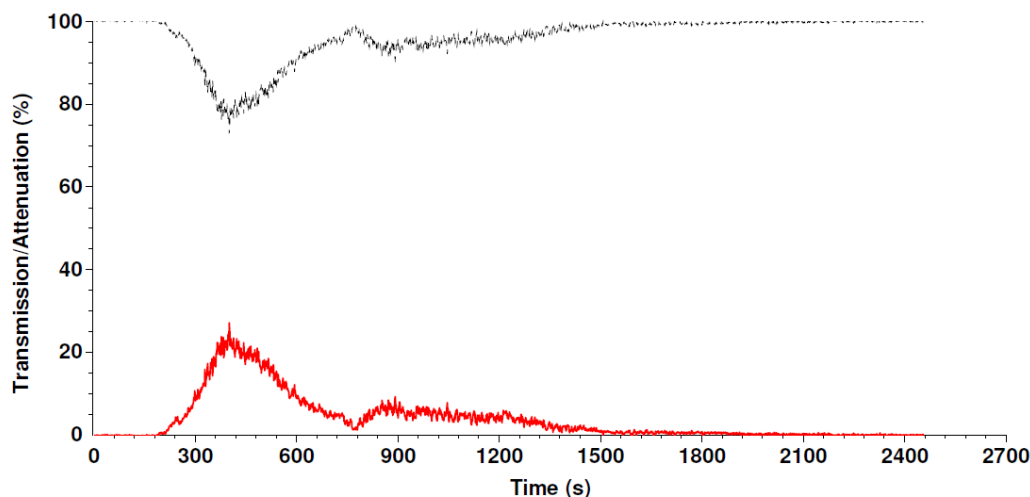
Sample 2 Width

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\24120015.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	295	12.3	3.632	510	-	3.3	-
110	371	11.3	4.196	560	-	2.7	-
160	471	10.4	4.907	610	-	2.3	-
210	596	9.4	5.607	660	-	2.0	-
260	823	8.2	6.737	710	-	1.7	-
310	1079	7.0	7.580	760	-	1.5	-
360	1425	5.9	8.429	810	-	1.3	-
410	1923	4.9	9.394	860	-	1.1	-
460	-	4.0	-	910	-	1.0	-

MAIKO NISHIO
Laboratory Coordinator
APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-278
Manufacturing:	34 Airds Road Minto	Sample Received Date:	11/11/2024
	NSW 2566	Test Date:	11/12/2024
	Australia	Report Date:	13/12/2024

Sample 3 Width

Test Results

Time to ignition	: 2 minutes 14 seconds (134 s)
Time to flameout	: 48 minutes 46 seconds (2926 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.03
HF-10 (kW/m ²)	: 9.16
HF-20 (kW/m ²)	: 6.58
HF-30 (kW/m ²)	: 5.09
Flame spread at 10 minutes (mm)	: 220
Flame spread at 20 minutes (mm)	: 330
Flame spread at 30 minutes (mm)	: 400
Peak light attenuation (%)	: 27.66
Time to peak light attenuation	: 7 minutes 05 seconds (425 s)
Total integrated smoke (%.min)	: 179.66



TEST REPORT

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

Test Report No: R24-278
Sample Received Date: 11/11/2024
Test Date: 11/12/2024
Report Date: 13/12/2024

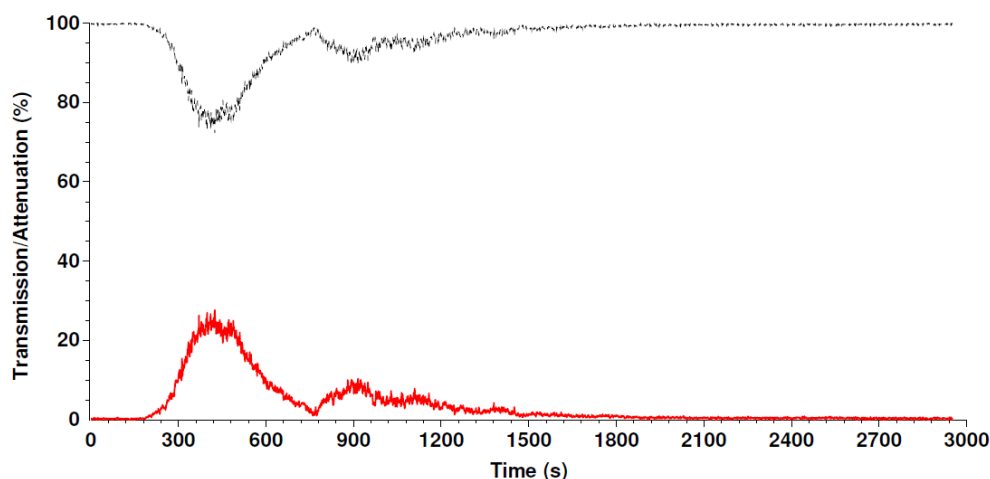
Sample 3 Width

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\24120016.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	264	12.3	3.250	510	-	3.3	-
110	381	11.3	4.309	560	-	2.7	-
160	420	10.4	4.376	610	-	2.3	-
210	574	9.4	5.400	660	-	2.0	-
260	799	8.2	6.541	710	-	1.7	-
310	1091	7.0	7.664	760	-	1.5	-
360	1437	5.9	8.500	810	-	1.3	-
410	1859	4.9	9.081	860	-	1.1	-
460	2769	4.0	11.159	910	-	1.0	-

END OF REPORT

MAIKO NISHIO
Laboratory Coordinator
APPROVED SIGNATORY