



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R25-058
Manufacturing:	34 Airds Road Minto	Sample Received Date:	9/04/2025
	NSW 2566	Test Date:	15/04/2025
	Australia	Report Date:	28/04/2025

Sample	Client Reference: "ASANA"	Test Sponsor:
Description:	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	407g/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	3.6	-	-	-	kW/m ²
Width	3.4	3.3	8.0	4.9	kW/m ²
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	208	-	-	-	%.min
Width	213	211	132	185	%.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.



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Sample 1 Length

Test Results

Time to ignition	: 2 minutes 10 seconds (130 s)
Time to flameout	: 45 minutes 45 seconds (2745 s)
Extent of burning (mm)	: 490
Critical flux at extinguishment (kW/m ²)	: 3.56
HF-10 (kW/m ²)	: 8.02
HF-20 (kW/m ²)	: 5.05
HF-30 (kW/m ²)	: 4.17
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 400
Flame spread at 30 minutes (mm)	: 450
Peak light attenuation (%)	: 39.27
Time to peak light attenuation	: 4 minutes 41 seconds (281 s)
Total integrated smoke (%.min)	: 208.02



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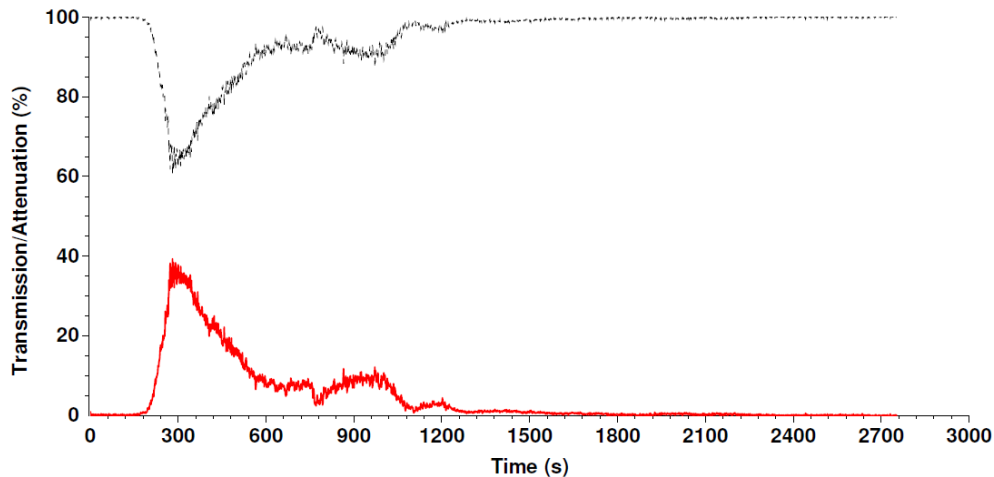
Sample 1 Length

Light Attenuation Over Time and Rake Results

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Smoke Graph



Test name : LENGTH1
File name : C:\FRPSOFT\DATA\25040022.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	195	12.4	2.427	510	-	3.3	-
110	277	11.3	3.138	560	-	2.7	-
160	345	10.3	3.561	610	-	2.3	-
210	404	9.2	3.715	660	-	1.9	-
260	566	8.0	4.537	710	-	1.6	-
310	746	6.9	5.144	760	-	1.4	-
360	945	5.8	5.515	810	-	1.2	-
410	1335	4.9	6.484	860	-	1.1	-
460	1886	4.0	7.533	910	-	1.0	-

MAIKO NISHIO
Laboratory Coordinator

APPROVED SIGNATORY



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Sample 1 Width

Test Results

Time to ignition	: 2 minutes 10 seconds (130 s)
Time to flameout	: 47 minutes 20 seconds (2840 s)
Extent of burning (mm)	: 500
Critical flux at extinguishment (kW/m ²)	: 3.42
HF-10 (kW/m ²)	: 8.02
HF-20 (kW/m ²)	: 5.05
HF-30 (kW/m ²)	: 3.85
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: 400
Flame spread at 30 minutes (mm)	: 470
Peak light attenuation (%)	: 48.34
Time to peak light attenuation	: 5 minutes 35 seconds (335 s)
Total integrated smoke (%.min)	: 213.35



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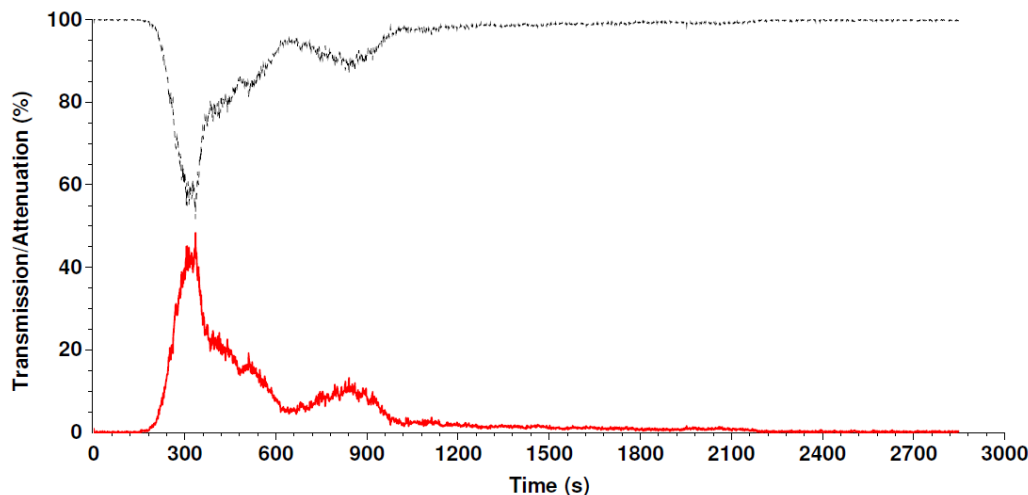
Sample 1 Width

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Smoke Graph



Test name : WIDTH1
File name : C:\FRPSOFT\DATA\25040023.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	198	12.4	2.464	510	-	3.3	-
110	299	11.3	3.387	560	-	2.7	-
160	390	10.3	4.026	610	-	2.3	-
210	429	9.2	3.945	660	-	1.9	-
260	556	8.0	4.457	710	-	1.6	-
310	700	6.9	4.827	760	-	1.4	-
360	943	5.8	5.503	810	-	1.2	-
410	1232	4.9	5.984	860	-	1.1	-
460	1658	4.0	6.622	910	-	1.0	-

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Sample 2 Width

Test Results

Time to ignition	: 2 minutes 09 seconds (129 s)
Time to flameout	: 43 minutes 26 seconds (2606 s)
Extent of burning (mm)	: 510
Critical flux at extinguishment (kW/m ²)	: 3.27
HF-10 (kW/m ²)	: 6.90
HF-20 (kW/m ²)	: 4.17
HF-30 (kW/m ²)	: 3.42
Flame spread at 10 minutes (mm)	: 310
Flame spread at 20 minutes (mm)	: 450
Flame spread at 30 minutes (mm)	: 500
Peak light attenuation (%)	: 55.95
Time to peak light attenuation	: 5 minutes 14 seconds (314 s)
Total integrated smoke (%.min)	: 210.77



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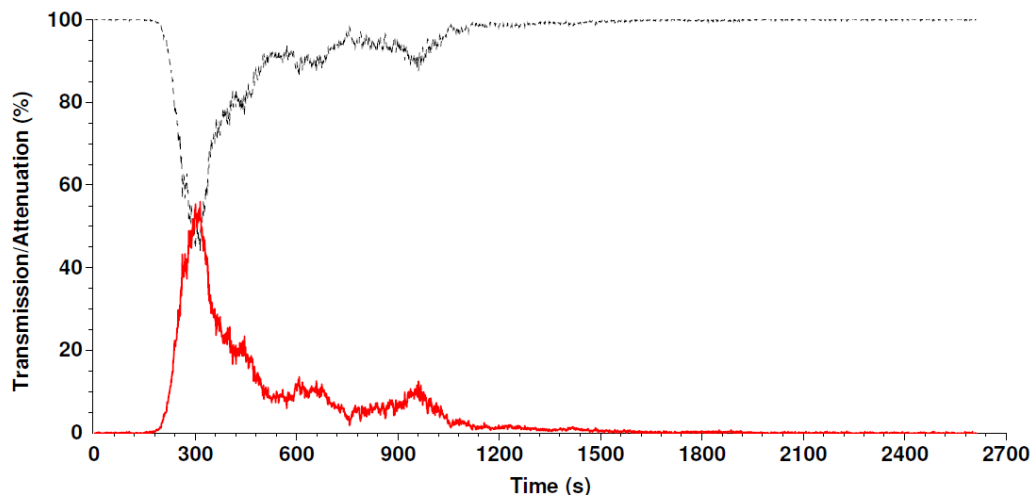
Sample 2 Width

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Smoke Graph



Test name : WIDTH2
File name : C:\FRPSOFT\DATA\25040024.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	199	12.4	2.477	510	1929	3.3	6.310
110	275	11.3	3.115	560	-	2.7	-
160	302	10.3	3.117	610	-	2.3	-
210	344	9.2	3.163	660	-	1.9	-
260	456	8.0	3.655	710	-	1.6	-
310	619	6.9	4.269	760	-	1.4	-
360	724	5.8	4.225	810	-	1.2	-
410	928	4.9	4.507	860	-	1.1	-
460	1332	4.0	5.320	910	-	1.0	-

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Sample 3 Width

Test Results

Time to ignition	: 2 minutes 13 seconds (133 s)
Time to flameout	: 13 minutes 07 seconds (787 s)
Extent of burning (mm)	: 260
Critical flux at extinguishment (kW/m ²)	: 8.02
HF-10 (kW/m ²)	: 8.02
HF-20 (kW/m ²)	: Not calculated (test duration < 20 minutes)
HF-30 (kW/m ²)	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 260
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 49.62
Time to peak light attenuation	: 5 minutes 18 seconds (318 s)
Total integrated smoke (%.min)	: 132.06

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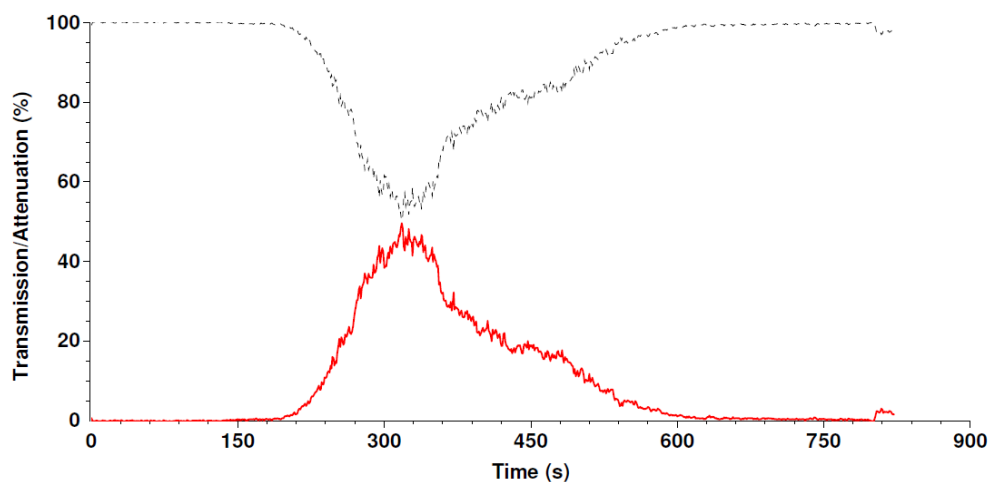
Sample 3 Width

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Smoke Graph



Test name : WIDTH3

File name : C:\FRPSOFT\DATA\25040025.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	210	12.4	2.613	510	-	3.3	-
110	257	11.3	2.912	560	-	2.7	-
160	309	10.3	3.189	610	-	2.3	-
210	374	9.2	3.439	660	-	1.9	-
260	555	8.0	4.449	710	-	1.6	-
310	-	6.9	-	760	-	1.4	-
360	-	5.8	-	810	-	1.2	-
410	-	4.9	-	860	-	1.1	-
460	-	4.0	-	910	-	1.0	-

END OF REPORT

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