



TEST REPORT

Sample	Interface US	Test Report No:	R26-100
Manufacturing:	1503 Orchard Hill Road	Sample Received Date:	9/01/2026
	LaGrange, GA 30240	Test Date:	18/06/2026
	United States	Report Date:	24/06/2026

Sample	Client Reference: "SR899"	Test Sponsor:
Description:	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	882g/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	8.4	-	-	-	kW/m ²
Width	4.0	4.0	3.9	4.0	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	152	-	-	-	%.min
Width	179	178	177	178	%.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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Laboratory Coordinator

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Sample 1 Length

Test Results

Time to ignition	: 2 minutes 17 seconds (137 s)
Time to flameout	: 21 minutes 15 seconds (1275 s)
Extent of burning (mm)	: 250
Critical flux at extinguishment (kW/m ²)	: 8.44
HF-10 (kW/m ²)	: 10.24
HF-20 (kW/m ²)	: 8.44
HF-30 (kW/m ²)	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 170
Flame spread at 20 minutes (mm)	: 250
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 28.88
Time to peak light attenuation	: 10 minutes 21 seconds (621 s)
Total integrated smoke (%.min)	: 151.76

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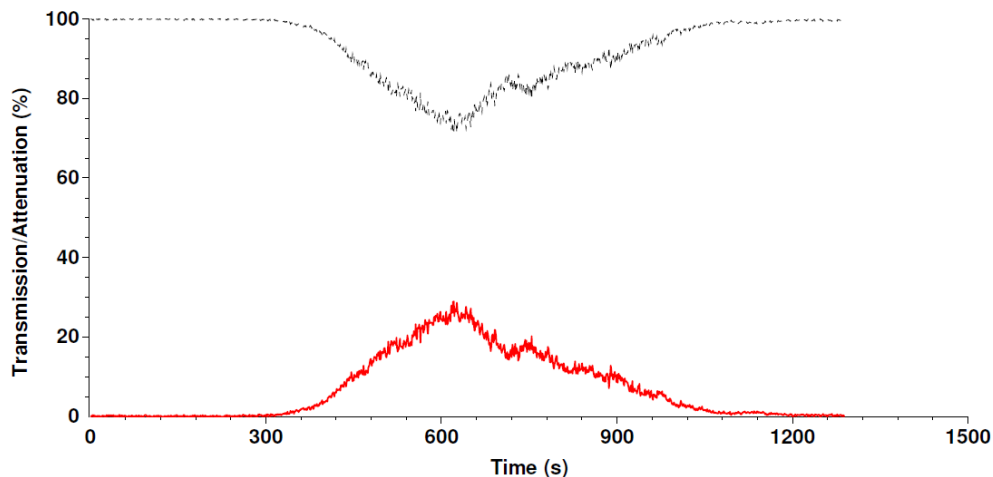
Test Report No: R26-100
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Sample 1 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

Smoke Graph



Test name : LENGTH1

File name : C:\FRPSOFT\DATA\26060021.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	387	12.3	4.762	510	-	3.3	-
110	489	11.3	5.534	560	-	2.8	-
160	587	10.4	6.128	610	-	2.4	-
210	685	9.4	6.468	660	-	1.9	-
260	-	8.2	-	710	-	1.6	-
310	-	7.0	-	760	-	1.4	-
360	-	5.9	-	810	-	1.2	-
410	-	4.9	-	860	-	1.0	-
460	-	4.0	-	910	-	0.9	-

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Sample 1 Width

Test Results

Time to ignition	: 2 minutes 28 seconds (148 s)
Time to flameout	: 60 minutes 05 seconds (3605 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.01
HF-10 (kW/m ²)	: 10.24
HF-20 (kW/m ²)	: 7.71
HF-30 (kW/m ²)	: 6.33
Flame spread at 10 minutes (mm)	: 170
Flame spread at 20 minutes (mm)	: 280
Flame spread at 30 minutes (mm)	: 340
Peak light attenuation (%)	: 24.87
Time to peak light attenuation	: 9 minutes 59 seconds (599 s)
Total integrated smoke (%.min)	: 178.81

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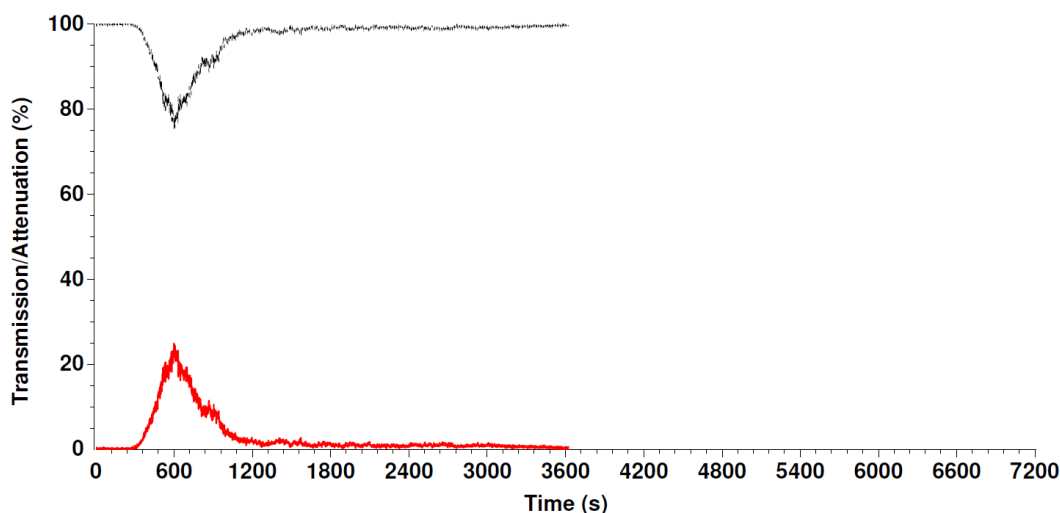
Test Report No: R26-100
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Sample 1 Width

Light Attenuation Over Time and Rake Results

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Smoke Graph



Test name : WIDTH1
File name : C:\FRPSOFT\DATA\26060022.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	423	12.3	5.205	510	-	3.3	-
110	477	11.3	5.398	560	-	2.8	-
160	581	10.4	6.065	610	-	2.4	-
210	752	9.4	7.100	660	-	1.9	-
260	1015	8.2	8.310	710	-	1.6	-
310	1508	7.0	10.545	760	-	1.4	-
360	2078	5.9	12.225	810	-	1.2	-
410	2691	4.9	13.059	860	-	1.0	-
460	3315	4.0	13.310	910	-	0.9	-

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Sample 2 Width

Test Results

Time to ignition	: 2 minutes 28 seconds (148 s)
Time to flameout	: 65 minutes 15 seconds (3915 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m ²)	: 4.01
HF-10 (kW/m ²)	: 10.44
HF-20 (kW/m ²)	: 7.71
HF-30 (kW/m ²)	: 6.55
Flame spread at 10 minutes (mm)	: 160
Flame spread at 20 minutes (mm)	: 280
Flame spread at 30 minutes (mm)	: 330
Peak light attenuation (%)	: 23.14
Time to peak light attenuation	: 9 minutes 44 seconds (584 s)
Total integrated smoke (%.min)	: 177.76

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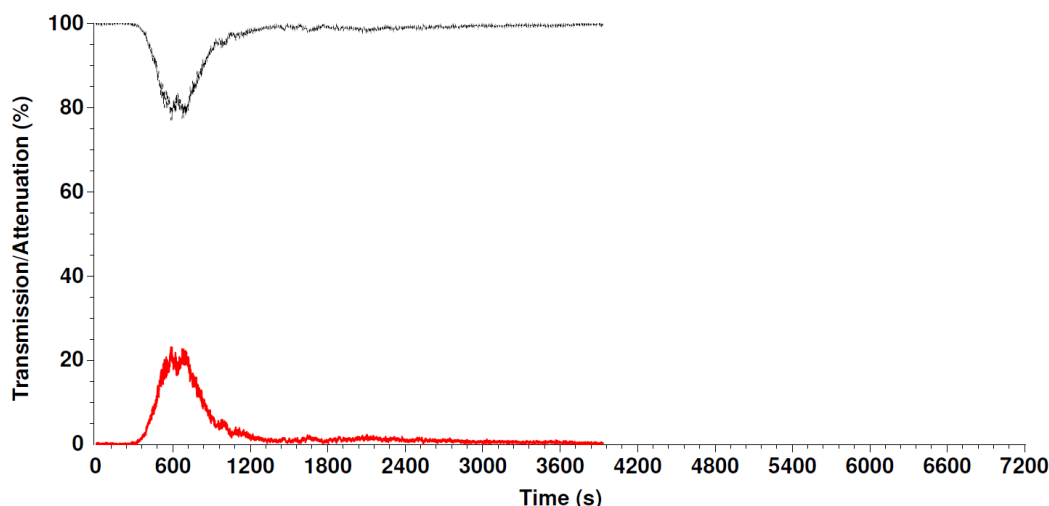
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Sample 2 Width

Light Attenuation Over Time and Rake Results

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Smoke Graph



Test name : WIDTH2

File name : C:\FRPSOFT\DATA\26060023.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	391	12.3	4.811	510	-	3.3	-
110	481	11.3	5.443	560	-	2.8	-
160	608	10.4	6.347	610	-	2.4	-
210	732	9.4	6.912	660	-	1.9	-
260	1046	8.2	8.564	710	-	1.6	-
310	1572	7.0	10.993	760	-	1.4	-
360	2155	5.9	12.678	810	-	1.2	-
410	2788	4.9	13.530	860	-	1.0	-
460	3442	4.0	13.820	910	-	0.9	-

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Sample 3 Width

Test Results

Time to ignition	: 2 minutes 28 seconds (148 s)
Time to flameout	: 63 minutes 32 seconds (3812 s)
Extent of burning (mm)	: 470
Critical flux at extinguishment (kW/m ²)	: 3.88
HF-10 (kW/m ²)	: 10.04
HF-20 (kW/m ²)	: 7.23
HF-30 (kW/m ²)	: 6.11
Flame spread at 10 minutes (mm)	: 180
Flame spread at 20 minutes (mm)	: 300
Flame spread at 30 minutes (mm)	: 350
Peak light attenuation (%)	: 30.66
Time to peak light attenuation	: 9 minutes 45 seconds (585 s)
Total integrated smoke (%.min)	: 176.54

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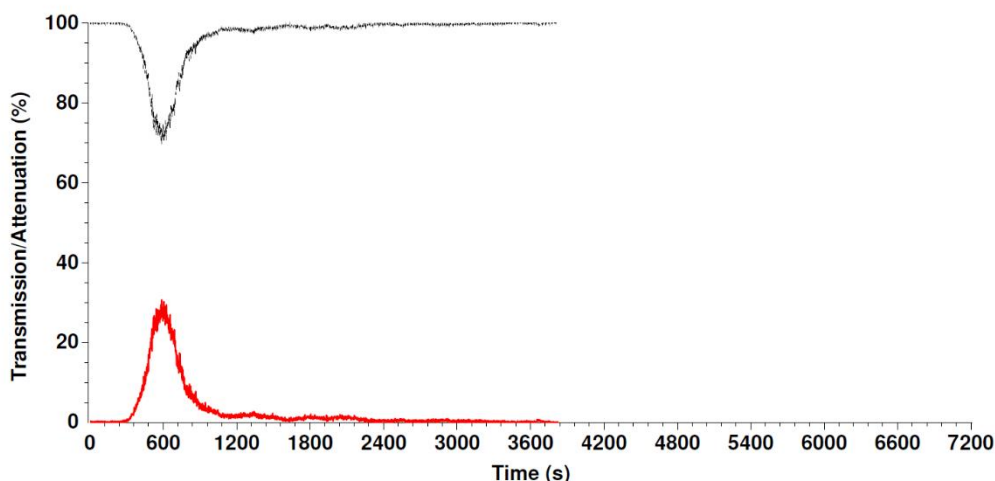
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Sample 3 Width

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Smoke Graph



Test name : WIDTH3

File name : C:\FRPSOFT\DATA\26060024.CSV

Rake Results

Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m²)	Position (mm)	Time (s)	Flux (kW/m²)	Qsb (MJ/m²)
60	393	12.3	4.836	510	-	3.3	-
110	479	11.3	5.421	560	-	2.8	-
160	561	10.4	5.856	610	-	2.4	-
210	661	9.4	6.241	660	-	1.9	-
260	894	8.2	7.319	710	-	1.6	-
310	1391	7.0	9.727	760	-	1.4	-
360	1916	5.9	11.272	810	-	1.2	-
410	2358	4.9	11.443	860	-	1.0	-
460	3189	4.0	12.804	910	-	0.9	-

END OF REPORT

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