



## TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R24-059
Manufacturing:	34 Airds Road Minto	Sample Received Date:	19/12/2023
	NSW 2566	Test Date:	29/01/2024
	Australia	Report Date:	3/05/2024

Sample	Client Reference: "AMONG THE	Test Sponsor:
Description:	WILDFLOWERS"	
	Loop Pile Carpet Tile	
	100% Solution Dyed Nylon 6	Interface Australia
	1051g/m <sup>2</sup> 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	4.1	-	-	-	kW/m <sup>2</sup>
Width	3.4	4.9	3.1	3.8	kW/m <sup>2</sup>
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	205	-	-	-	%.min
Width	205	230	205	213	%.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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Product Technical Manager

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### Sample 1 Length

### Test Results

Time to ignition	: 2 minutes 10 seconds (130 s)
Time to flameout	: 42 minutes 32 seconds (2552 s)
Extent of burning (mm)	: 460
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 4.06
HF-10 (kW/m <sup>2</sup> )	: 8.00
HF-20 (kW/m <sup>2</sup> )	: 5.94
HF-30 (kW/m <sup>2</sup> )	: 4.57
Flame spread at 10 minutes (mm)	: 270
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: 430
Peak light attenuation (%)	: 39.57
Time to peak light attenuation	: 8 minutes 13 seconds (493 s)
Total integrated smoke (%.min)	: 204.79

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## TEST REPORT

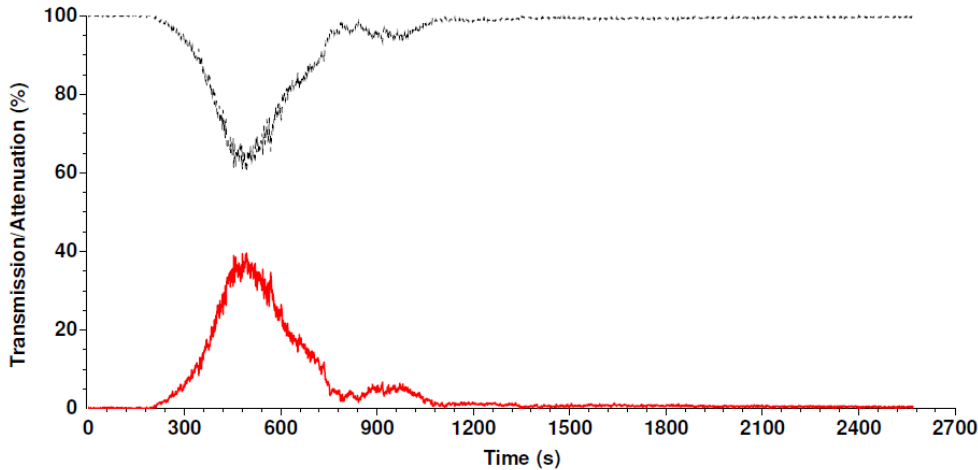
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**Sample 1 Length**  
**Light Attenuation Over Time and Rake Results**

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### Smoke Graph



Test name : LENGTH1  
 File name : C:\FRPSOFT\DATA\24010045.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	283	12.1	3.426	510	-	3.3	-
110	388	11.2	4.345	560	-	2.8	-
160	438	10.4	4.556	610	-	2.3	-
210	477	9.5	4.524	660	-	2.0	-
260	547	8.2	4.507	710	-	1.7	-
310	804	7.1	5.674	760	-	1.4	-
360	1182	5.9	7.025	810	-	1.2	-
410	1689	4.9	8.291	860	-	1.0	-
460	2415	4.1	9.800	910	-	0.9	-

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### Sample 1 Width

### Test Results

Time to ignition	: 2 minutes 12 seconds (132 s)
Time to flameout	: 64 minutes 31 seconds (3871 s)
Extent of burning (mm)	: 510
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 3.35
HF-10 (kW/m <sup>2</sup> )	: 8.00
HF-20 (kW/m <sup>2</sup> )	: 6.17
HF-30 (kW/m <sup>2</sup> )	: 4.74
Flame spread at 10 minutes (mm)	: 270
Flame spread at 20 minutes (mm)	: 350
Flame spread at 30 minutes (mm)	: 420
Peak light attenuation (%)	: 40.81
Time to peak light attenuation	: 7 minutes 58 seconds (478 s)
Total integrated smoke (%.min)	: 204.93

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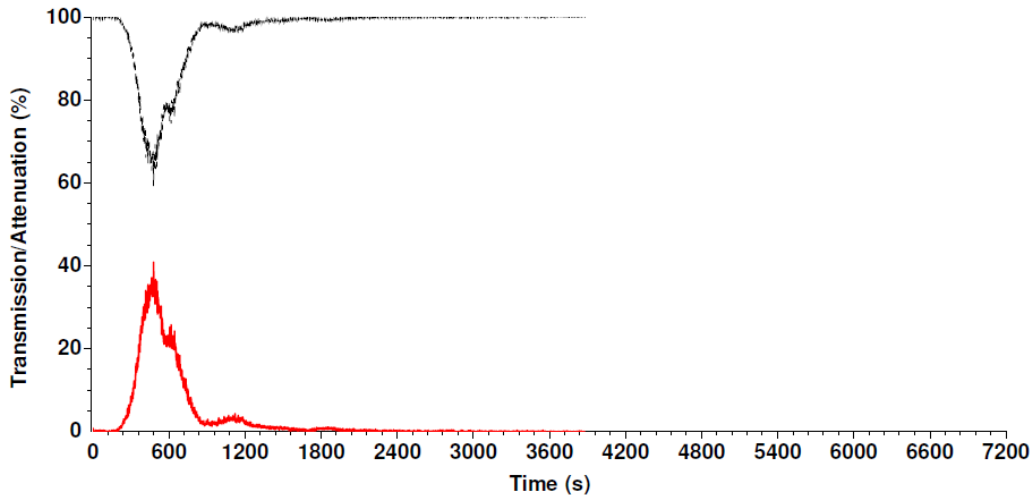
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**Sample 1 Width**  
**Light Attenuation Over Time and Rake Results**

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### Smoke Graph



Test name : WIDTH1  
 File name : C:\FRPSOFT\DATA\24010046.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	265	12.1	3.208	510	3208	3.3	10.734
110	363	11.2	4.065	560	-	2.8	-
160	409	10.4	4.254	610	-	2.3	-
210	476	9.5	4.514	660	-	2.0	-
260	533	8.2	4.392	710	-	1.7	-
310	818	7.1	5.773	760	-	1.4	-
360	1235	5.9	7.340	810	-	1.2	-
410	1715	4.9	8.419	860	-	1.0	-
460	2285	4.1	9.273	910	-	0.9	-

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### Sample 2 Width

#### Test Results

Time to ignition	: 2 minutes 10 seconds (130 s)
Time to flameout	: 40 minutes 21 seconds (2421 s)
Extent of burning (mm)	: 410
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 4.91
HF-10 (kW/m <sup>2</sup> )	: 8.00
HF-20 (kW/m <sup>2</sup> )	: 5.94
HF-30 (kW/m <sup>2</sup> )	: 5.12
Flame spread at 10 minutes (mm)	: 270
Flame spread at 20 minutes (mm)	: 360
Flame spread at 30 minutes (mm)	: 400
Peak light attenuation (%)	: 43.57
Time to peak light attenuation	: 7 minutes 57 seconds (477 s)
Total integrated smoke (%.min)	: 230.18

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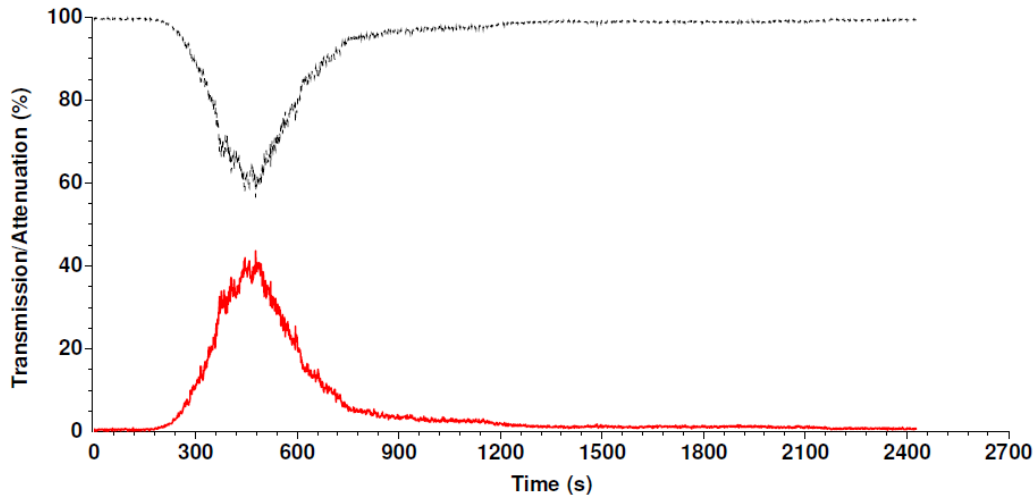
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**Sample 2 Width**  
**Light Attenuation Over Time and Rake Results**

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### Smoke Graph



Test name : WIDTH2  
 File name : C:\FRPSOFT\DATA\24010047.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	228	12.1	2.760	510	-	3.3	-
110	312	11.2	3.494	560	-	2.8	-
160	378	10.4	3.932	610	-	2.3	-
210	449	9.5	4.258	660	-	2.0	-
260	524	8.2	4.318	710	-	1.7	-
310	764	7.1	5.392	760	-	1.4	-
360	1070	5.9	6.359	810	-	1.2	-
410	2233	4.9	10.962	860	-	1.0	-
460	-	4.1	-	910	-	0.9	-

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### Sample 3 Width

#### Test Results

Time to ignition	: 2 minutes 14 seconds (134 s)
Time to flameout	: 84 minutes 27 seconds (5067 s)
Extent of burning (mm)	: 530
Critical flux at extinguishment (kW/m <sup>2</sup> )	: 3.12
HF-10 (kW/m <sup>2</sup> )	: 8.49
HF-20 (kW/m <sup>2</sup> )	: 6.61
HF-30 (kW/m <sup>2</sup> )	: 5.12
Flame spread at 10 minutes (mm)	: 250
Flame spread at 20 minutes (mm)	: 330
Flame spread at 30 minutes (mm)	: 400
Peak light attenuation (%)	: 35.29
Time to peak light attenuation	: 7 minutes 43 seconds (463 s)
Total integrated smoke (%.min)	: 204.92

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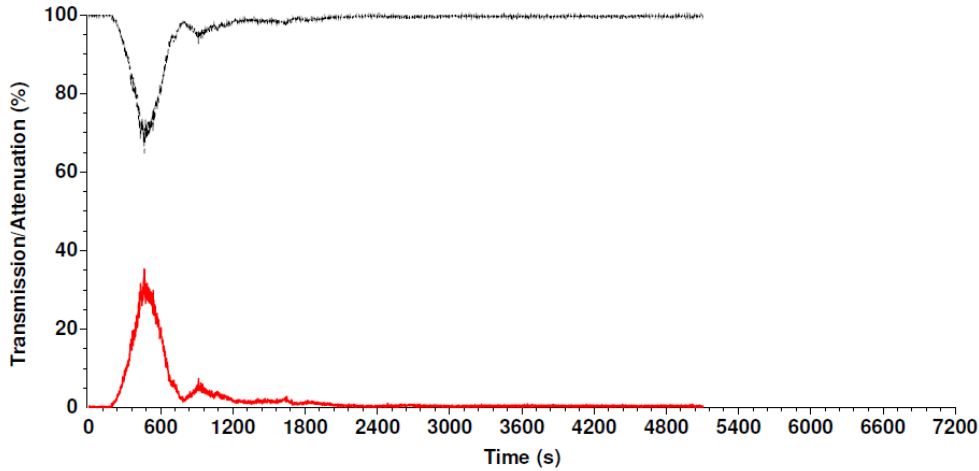
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**Sample 3 Width**  
**Light Attenuation Over Time and Rake Results**

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### Smoke Graph



Test name : WIDTH3  
 File name : C:\FRPSOFT\DATA\24010048.CSV

### Rake Results

Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )	Position (mm)	Time (s)	Flux (kW/m <sup>2</sup> )	Qsb (MJ/m <sup>2</sup> )
60	198	12.1	2.397	510	3692	3.3	12.353
110	251	11.2	2.811	560	-	2.8	-
160	386	10.4	4.015	610	-	2.3	-
210	485	9.5	4.600	660	-	2.0	-
260	760	8.2	6.262	710	-	1.7	-
310	1024	7.1	7.226	760	-	1.4	-
360	1427	5.9	8.481	810	-	1.2	-
410	2541	4.9	12.474	860	-	1.0	-
460	2542	4.1	10.315	910	-	0.9	-

END OF REPORT

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