



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample Description: Client Reference: "norament 825"

AS ISO 9239.1: 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	5.8	5.8	5.2	5.6	kW/m ²
Width	6.0	-	-	-	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	365	399	391	385	%.min
Width	418	-	-	-	%.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 48 hours prior to testing.

Each Specimen was adhered to a substrate of 9mm thick fibre cement board using Roberts 2000 adhesive.



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 22 seconds (142 s)
Time to flameout	: 14 minutes 39 seconds (879 s)
Extent of burning (mm)	: 380
Critical flux at extinguishment (kW/m ²)	: 5.82
HF-10 (kW/m ²)	: 6.41
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)	: 350
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 80.85
Time to peak light attenuation	: 6 minutes 38 seconds (398 s)
Total integrated smoke (%.min)	: 365.33



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4600 FAX: (02) 8706 4617

TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

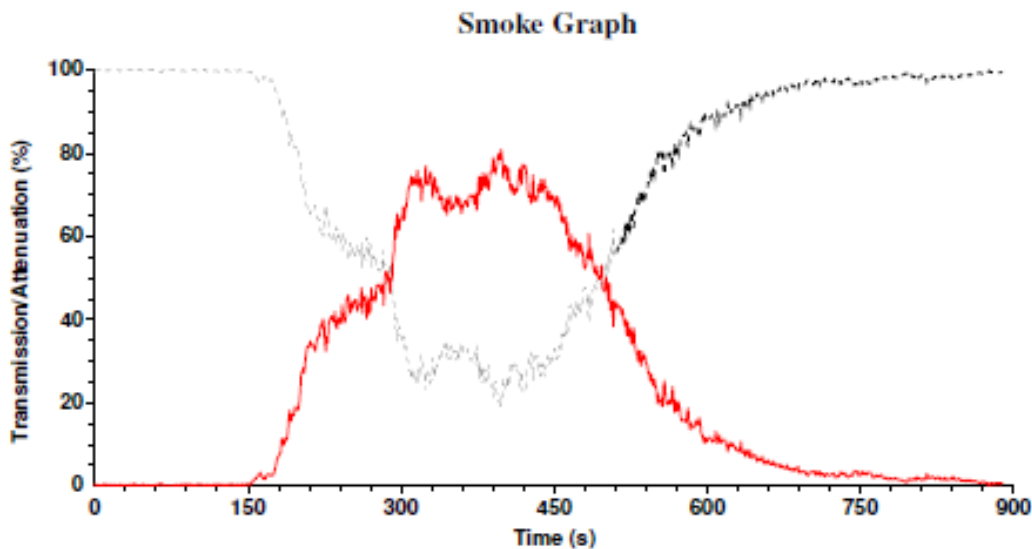
Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 1 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH1
File name : C:\FRPSOFT\DATA\20040025.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	213	12.3	2.622	510	-	3.5	-
110	285	11.3	3.234	560	-	2.9	-
160	298	10.5	3.128	610	-	2.4	-
210	350	9.5	3.333	660	-	2.0	-
260	428	8.4	3.577	710	-	1.7	-
310	456	7.3	3.307	760	-	1.5	-
360	666	6.2	4.131	810	-	1.3	-
410	-	5.2	-	860	-	1.1	-
460	-	4.3	-	910	-	1.0	-



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 25 seconds (145 s)
Time to flameout	: 19 minutes 42 seconds (1182 s)
Extent of burning (mm)	: 370
Critical flux at extinguishment (kW/m ²)	: 6.01
HF-10 (kW/m ²)	: 7.69
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)	: 290
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 67.74
Time to peak light attenuation	: 7 minutes 10 seconds (430 s)
Total integrated smoke (%.min)	: 418.24



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4600 FAX: (02) 8706 4617

TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

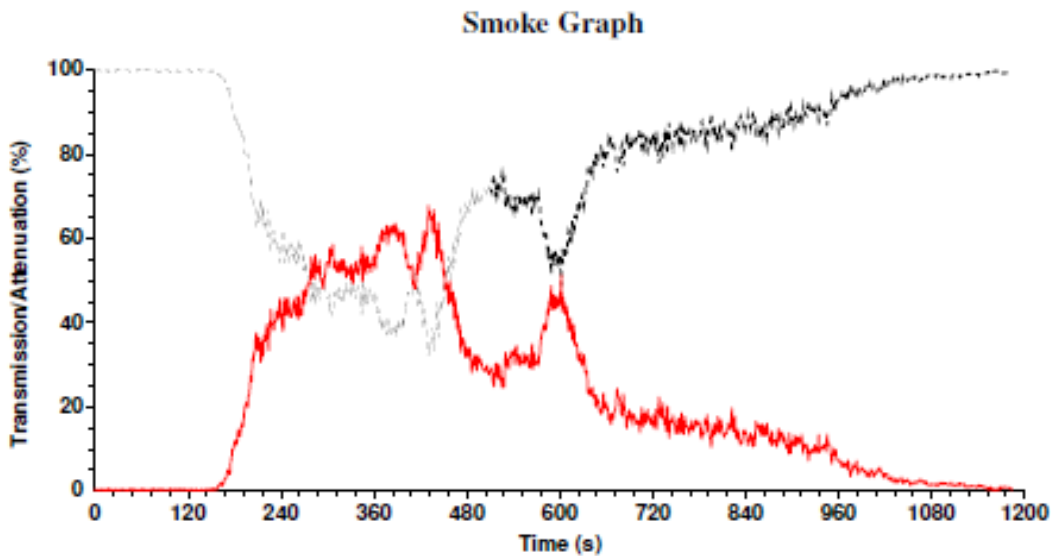
Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

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\20040026.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	219	12.3	2.696	510	-	3.5	-
110	294	11.3	3.336	560	-	2.9	-
160	344	10.5	3.611	610	-	2.4	-
210	433	9.5	4.124	660	-	2.0	-
260	535	8.4	4.472	710	-	1.7	-
310	656	7.3	4.757	760	-	1.5	-
360	972	6.2	6.029	810	-	1.3	-
410	-	5.2	-	860	-	1.1	-
460	-	4.3	-	910	-	1.0	-



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 2 Length

Test Results

Time to ignition	: 2 minutes 23 seconds (143 s)
Time to flameout	: 21 minutes 20 seconds (1280 s)
Extent of burning (mm)	: 380
Critical flux at extinguishment (kW/m ²)	: 5.82
HF-10 (kW/m ²)	: 7.47
HF-20 (kW/m ²)	: 5.82
HF-30 (kW/m ²)	: Not calculated (test duration < 30 minutes)
Flame spread at 10 minutes (mm)	: 300
Flame spread at 20 minutes (mm)	: 380
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 73.31
Time to peak light attenuation	: 5 minutes 31 seconds (331 s)
Total integrated smoke (%.min)	: 398.69



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4600 FAX: (02) 8706 4617

TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

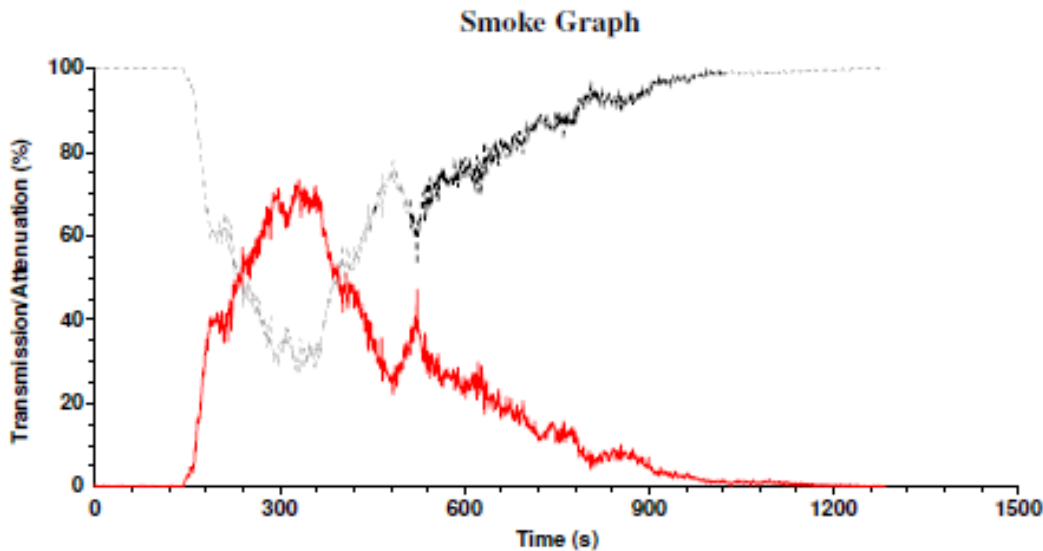
Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 2 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH2
File name : C:\FRPSOFT\DATA\20040027.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	215	12.3	2.646	510	-	3.5	-
110	262	11.3	2.973	560	-	2.9	-
160	322	10.5	3.380	610	-	2.4	-
210	390	9.5	3.714	660	-	2.0	-
260	485	8.4	4.054	710	-	1.7	-
310	611	7.3	4.431	760	-	1.5	-
360	794	6.2	4.925	810	-	1.3	-
410	-	5.2	-	860	-	1.1	-
460	-	4.3	-	910	-	1.0	-



TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 3 Length

Test Results

Time to ignition	: 2 minutes 21 seconds (141 s)
Time to flameout	: 16 minutes 06 seconds (966 s)
Extent of burning (mm)	: 410
Critical flux at extinguishment (kW/m ²)	: 5.23
HF-10 (kW/m ²)	: 6.83
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)	: 330
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 80.94
Time to peak light attenuation	: 5 minutes 25 seconds (325 s)
Total integrated smoke (%.min)	: 390.64



SYDNEY CARPET LABORATORY

OF INTERFACE AUST. PTY LIMITED - ABN 39 000 692 026

34 AIRDS ROAD, MINTO NSW 2566 - TEL: (02) 8706 4600 FAX: (02) 8706 4617

TEST REPORT

Client: Interface Australia PTY LTD
34 Airds Road
Minto NSW 2566

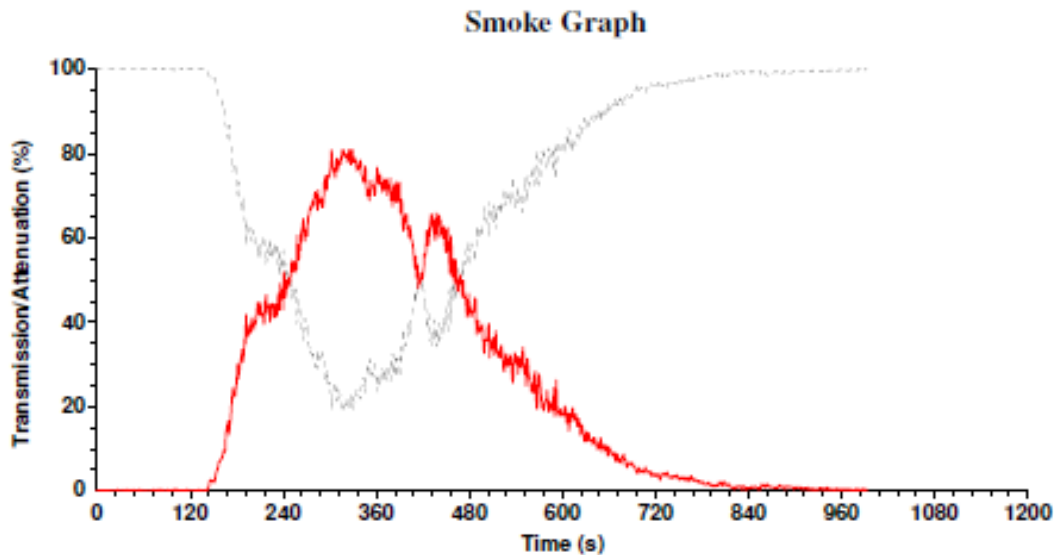
Test Report No: R20-074
Sample Received date: 18/03/2020
Test Date: 28/04/2020
Report Date: 04/05/2020

Sample 3 Length

Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH3
File name : C:\FRPSOFT\DATA\20040028.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	2.474	510	-	3.5	-
110	247	11.3	2.803	560	-	2.9	-
160	273	10.5	2.865	610	-	2.4	-
210	349	9.5	3.324	660	-	2.0	-
260	420	8.4	3.510	710	-	1.7	-
310	513	7.3	3.720	760	-	1.5	-
360	741	6.2	4.596	810	-	1.3	-
410	900	5.2	4.711	860	-	1.1	-
460	-	4.3	-	910	-	1.0	-

END OF REPORT