



TEST REPORT

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

Test Report No: R23-042A
Sample Received Date: 15/03/2023
Test Date: 20/03/2023
Report Date: 3/04/2023

Sample Description: Client Reference: "LVT 4.5mm with Sound Choice Backing and Ceramor+"
Vinyl Flooring
6880g/m²

Test Sponsor: Interface Australia

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	8.8	-	-	-	kW/m ²
Width	8.3	8.6	8.6	8.5	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	195	-	-	-	%.min
Width	193	187	179	186	%.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.

KARTHIK BHASKARAN
Materials Scientist

APPROVED SIGNATORY



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

Sample 1 Length

Test Results

Time to ignition	: 2 minutes 09 seconds (129 s)
Time to flameout	: 12 minutes 28 seconds (748 s)
Extent of burning (mm)	: 240
Critical flux at extinguishment (kW/m ²)	: 8.84
HF-10 (kW/m ²)	: 8.84
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)	: 240
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 49.18
Time to peak light attenuation	: 3 minutes 42 seconds (222 s)
Total integrated smoke (%.min)	: 195.17



TEST REPORT

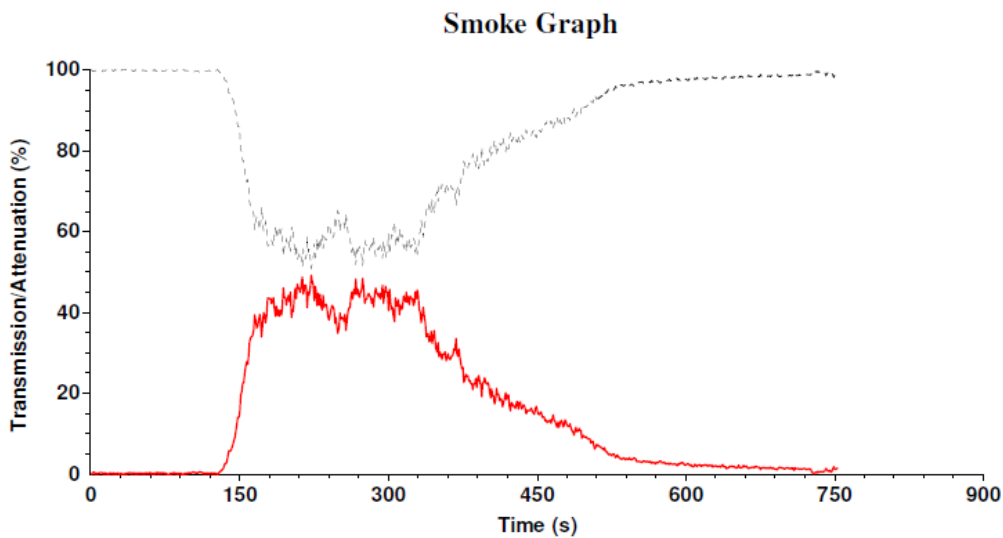
Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

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\23030013.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	186	11.7	2.180	510	-	3.3	-
110	212	11.0	2.329	560	-	2.7	-
160	265	10.4	2.744	610	-	2.3	-
210	469	9.6	4.506	660	-	1.9	-
260	-	8.3	-	710	-	1.6	-
310	-	7.1	-	760	-	1.4	-
360	-	6.0	-	810	-	1.2	-
410	-	4.9	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



TEST REPORT

Sample Supplier:	Interface Australia PTY LTD 34 Airds Road Minto NSW 2566 Australia	Test Report No:	R23-042A
		Sample Received Date:	15/03/2023
		Test Date:	20/03/2023
		Report Date:	3/04/2023

Sample 1 Width

Test Results

Time to ignition	: 2 minutes 08 seconds (128 s)
Time to flameout	: 12 minutes 28 seconds (748 s)
Extent of burning (mm)	: 260
Critical flux at extinguishment (kW/m ²)	: 8.32
HF-10 (kW/m ²)	: 9.09
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)	: 230
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 48.74
Time to peak light attenuation	: 3 minutes 17 seconds (197 s)
Total integrated smoke (%.min)	: 192.81



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

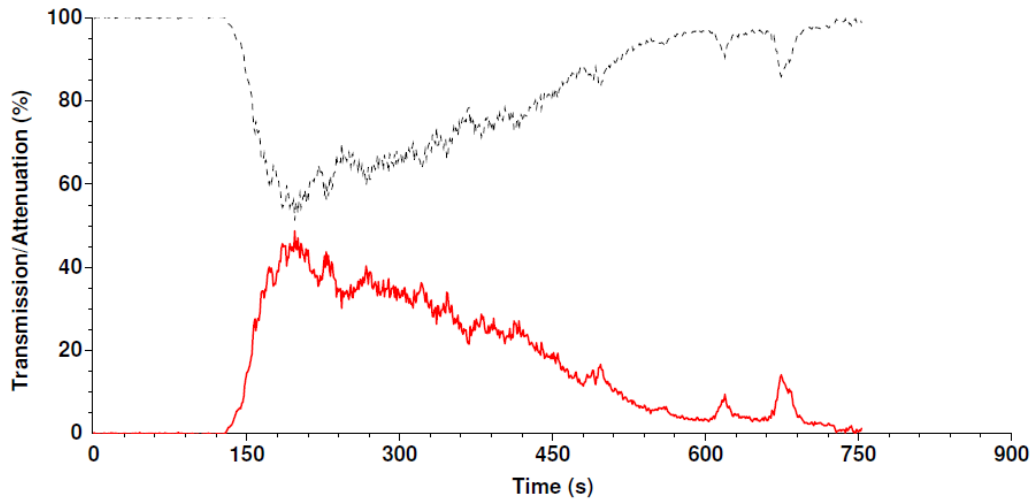
Sample 1 Width

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\23030014.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	183	11.7	2.145	510	-	3.3	-
110	201	11.0	2.208	560	-	2.7	-
160	284	10.4	2.941	610	-	2.3	-
210	462	9.6	4.439	660	-	1.9	-
260	704	8.3	5.857	710	-	1.6	-
310	-	7.1	-	760	-	1.4	-
360	-	6.0	-	810	-	1.2	-
410	-	4.9	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

Sample 2 Width

Test Results

Time to ignition	: 2 minutes 08 seconds (128 s)
Time to flameout	: 12 minutes 10 seconds (730 s)
Extent of burning (mm)	: 250
Critical flux at extinguishment (kW/m ²)	: 8.58
HF-10 (kW/m ²)	: 8.84
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)	: 240
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 46.71
Time to peak light attenuation	: 3 minutes 27 seconds (207 s)
Total integrated smoke (%.min)	: 187.2



TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

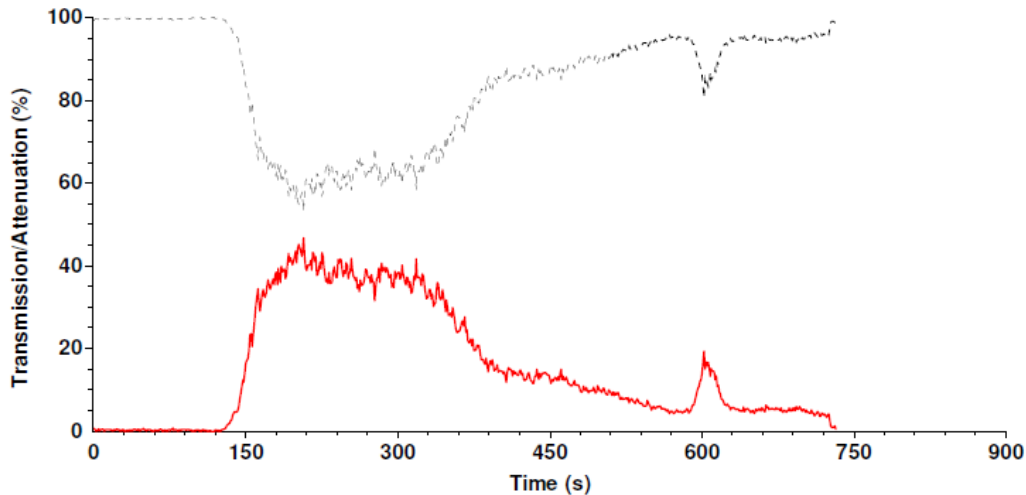
Sample 2 Width

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\23030015.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	171	11.7	2.004	510	-	3.3	-
110	198	11.0	2.175	560	-	2.7	-
160	294	10.4	3.045	610	-	2.3	-
210	507	9.6	4.871	660	-	1.9	-
260	-	8.3	-	710	-	1.6	-
310	-	7.1	-	760	-	1.4	-
360	-	6.0	-	810	-	1.2	-
410	-	4.9	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-



TEST REPORT

Sample Supplier:	Interface Australia PTY LTD 34 Airds Road Minto NSW 2566 Australia	Test Report No:	R23-042A
		Sample Received Date:	15/03/2023
		Test Date:	20/03/2023
		Report Date:	3/04/2023

Sample 3 Width

Test Results

Time to ignition	: 2 minutes 08 seconds (128 s)
Time to flameout	: 12 minutes 15 seconds (735 s)
Extent of burning (mm)	: 250
Critical flux at extinguishment (kW/m ²)	: 8.58
HF-10 (kW/m ²)	: 9.09
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)	: 230
Flame spread at 20 minutes (mm)	: Not measured
Flame spread at 30 minutes (mm)	: Not measured
Peak light attenuation (%)	: 46.63
Time to peak light attenuation	: 3 minutes 31 seconds (211 s)
Total integrated smoke (%.min)	: 179.39



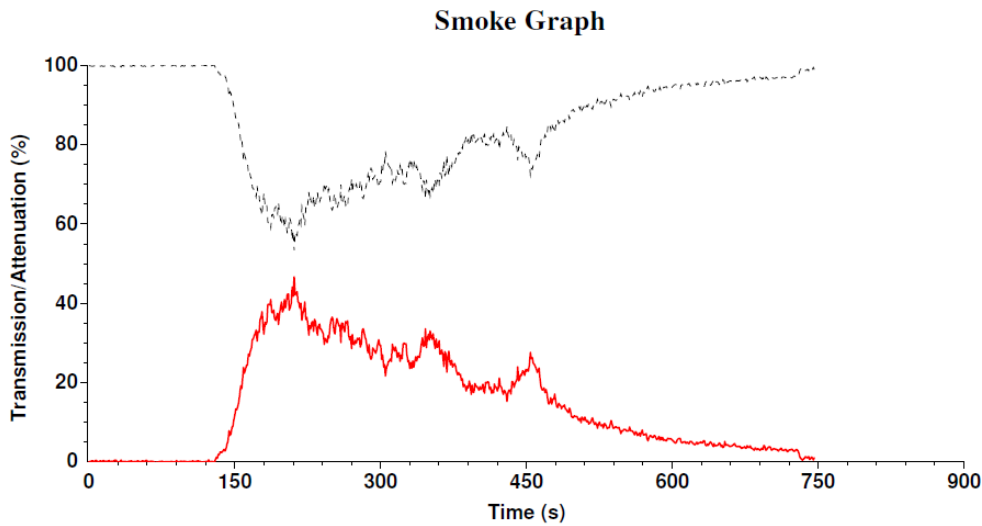
TEST REPORT

Sample	Interface Australia PTY LTD	Test Report No:	R23-042A
Supplier:	34 Airds Road Minto	Sample Received Date:	15/03/2023
	NSW 2566	Test Date:	20/03/2023
	Australia	Report Date:	3/04/2023

Sample 3 Width
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : WIDTH3
 File name : C:\FRPSOFT\DATA\23030016.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	169	11.7	1.981	510	-	3.3	-
110	288	11.0	3.163	560	-	2.7	-
160	350	10.4	3.625	610	-	2.3	-
210	490	9.6	4.708	660	-	1.9	-
260	-	8.3	-	710	-	1.6	-
310	-	7.1	-	760	-	1.4	-
360	-	6.0	-	810	-	1.2	-
410	-	4.9	-	860	-	1.1	-
460	-	4.1	-	910	-	1.0	-

END OF REPORT