



TEST REPORT

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

Test Report No: D11-17-001A2
Sample Received date: 16/01/2017
Test Date: 19/01/2017
Report Date: 03/06/2021

Sample Description: Client Reference: "Interface LVT Vinyl Tile - 4.5mm Thickness -0.55mm Wear Layer with Acoustic Layer"

ISO 9239-1:2010 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	9.5	9.5	9.7	9.6	kW/m ²
Width	9.9	-	-	-	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	152	147	153	151	%.min
Width	160	-	-	-	%.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 13238:2001 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 Intertac adhesive.



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Sample 1 Length

Rake Results

Position (mm)	Time (s)
60	157
110	200
160	435
210	-
260	-
310	-
360	-
410	-
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 160
Flame Spread at 20minutes (mm): Not measured
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 10.2
Heat Flux at 20 minutes – HF-20 (kW/m²): Not calculated (test duration < 20 minutes)
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 200
Critical Heat Flux – CHF (kW/m²): 9.5

Extinguishing Time (s): 737

Maximum Light Attenuation (%): 45.7
Integrated Smoke Value (%.min): 152



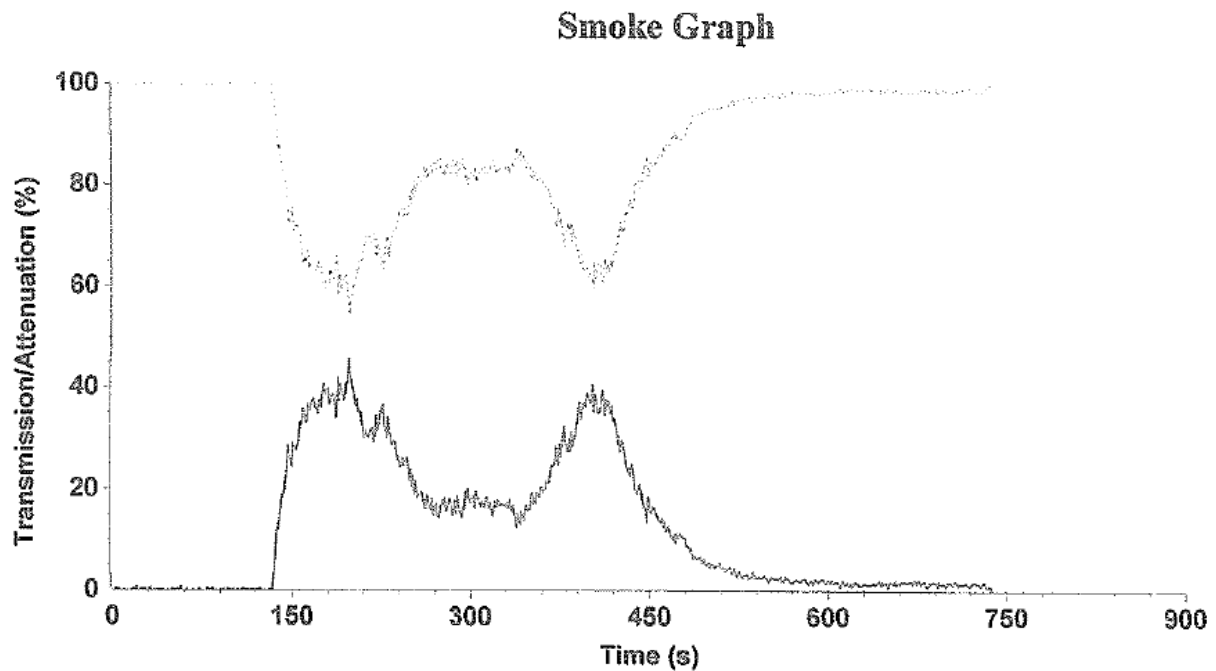
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Sample 1 Length

Light Attenuation Over Time



Test name : LENGTH 1
File name : C:\FRPSOFT\DATA\17010001.CSV



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Sample 1 Width

Rake Results

Position (mm)	Time (s)
60	187
110	200
160	419
210	-
260	-
310	-
360	-
410	-
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 180
Flame Spread at 20minutes (mm): Not measured
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 9.9
Heat Flux at 20 minutes – HF-20 (kW/m²): Not calculated (test duration < 20 minutes)
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 180
Critical Heat Flux – CHF (kW/m²): 9.9

Extinguishing Time (s): 609

Maximum Light Attenuation (%): 43.5
Integrated Smoke Value (%.min): 160



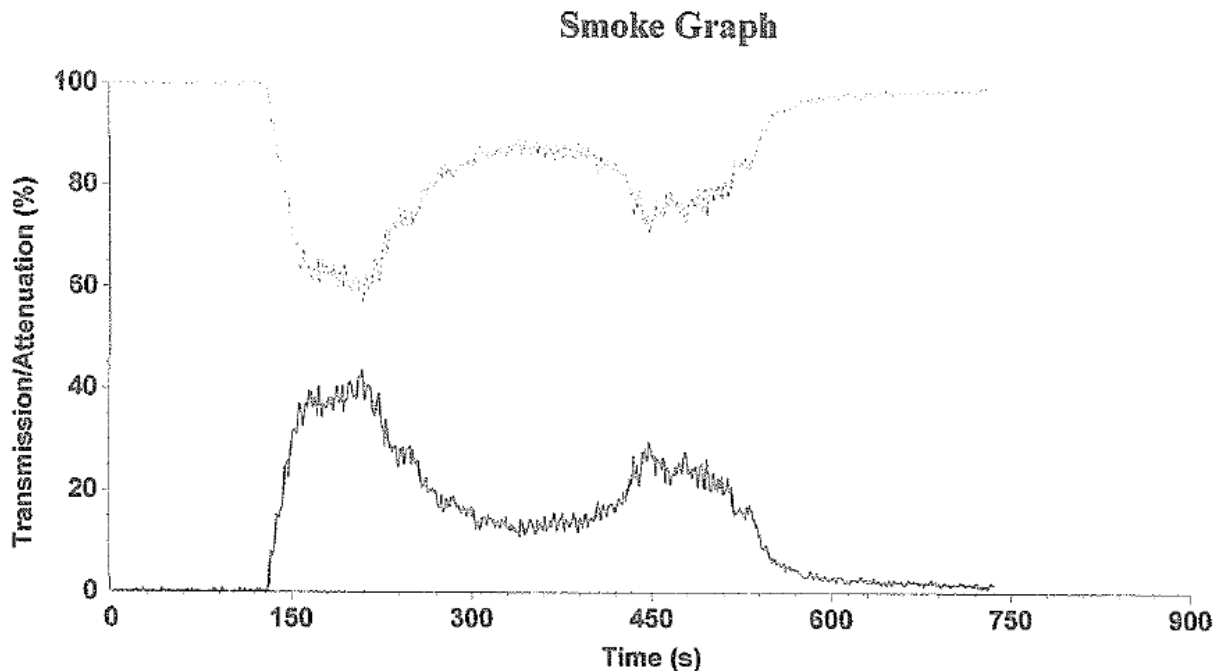
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Sample 1 Width

Light Attenuation Over Time





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Sample 2 Length

Rake Results

Position (mm)	Time (s)
60	150
110	199
160	387
210	-
260	-
310	-
360	-
410	-
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 180
Flame Spread at 20minutes (mm): Not measured
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 9.9
Heat Flux at 20 minutes – HF-20 (kW/m²): Not calculated (test duration < 20 minutes)
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 200
Critical Heat Flux – CHF (kW/m²): 9.5

Extinguishing Time (s): 732

Maximum Light Attenuation (%): 45.2
Integrated Smoke Value (%.min): 147



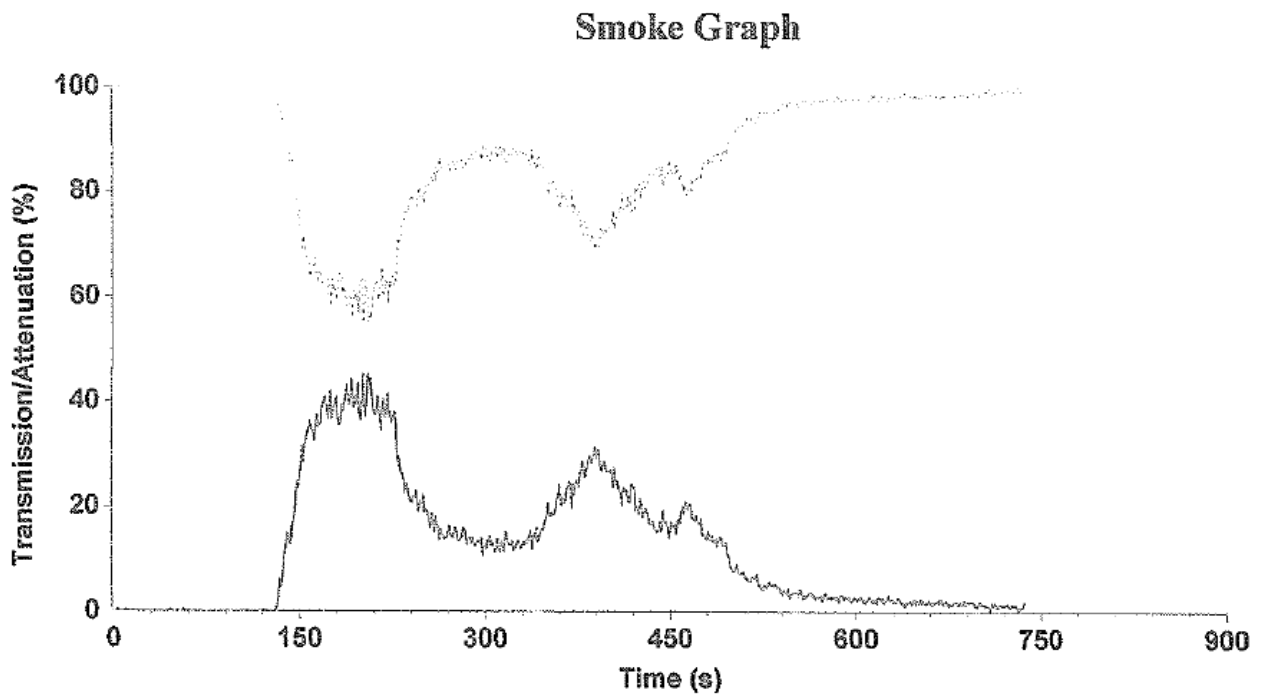
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Sample 2 Length

Light Attenuation Over Time



Test name : LENGTH 2
File name : C:\FRPSOFT\DATA\17010003.CSV



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Sample 3 Length

Rake Results

Position (mm)	Time (s)
60	178
110	306
160	365
210	-
260	-
310	-
360	-
410	-
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 190
Flame Spread at 20minutes (mm): Not measured
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 9.7
Heat Flux at 20 minutes – HF-20 (kW/m²): Not calculated (test duration < 20 minutes)
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 190
Critical Heat Flux – CHF (kW/m²): 9.7

Extinguishing Time (s): 740

Maximum Light Attenuation (%): 43.8
Integrated Smoke Value (%.min): 153



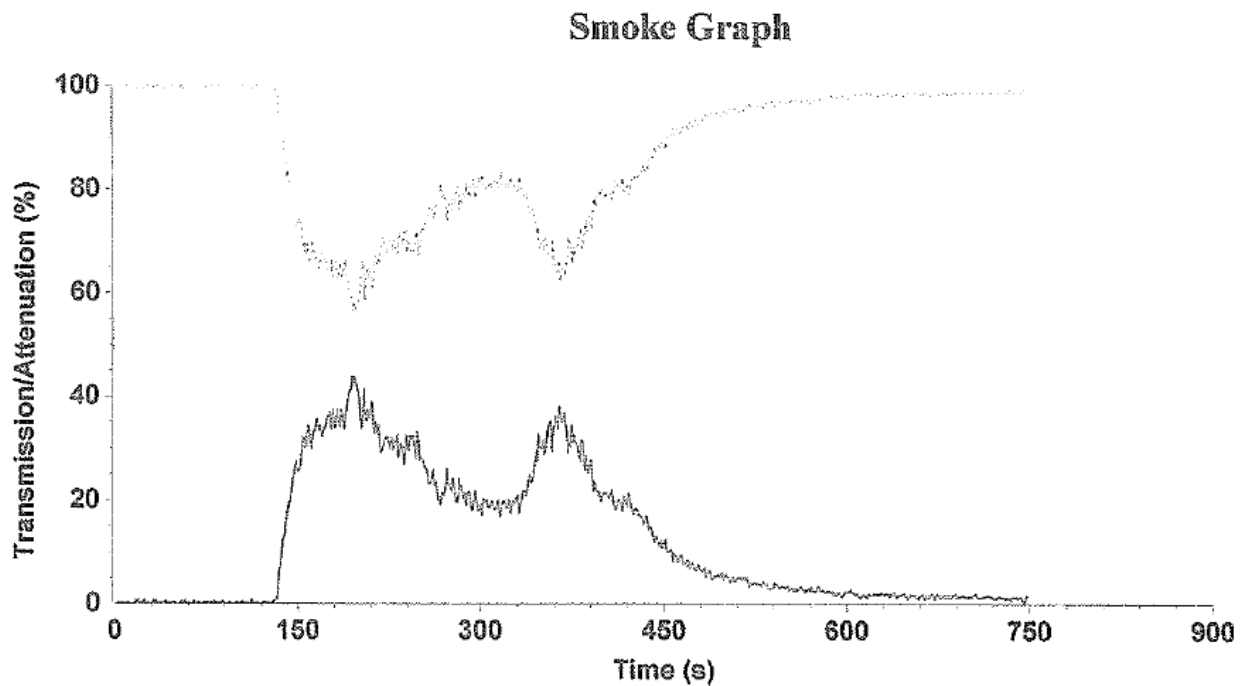
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Sample 3 Length

Light Attenuation Over Time



Test name : LENGTH 3
File name : C:\FRPSOFT\DATA\17010004.CSV

END OF REPORT