



TEST REPORT

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

Test Report No: D11-17-01-001
Sample Received date: 16/01/2017
Test Date: 19/01/2017
Report Date: 20/01/2016

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

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 | 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



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

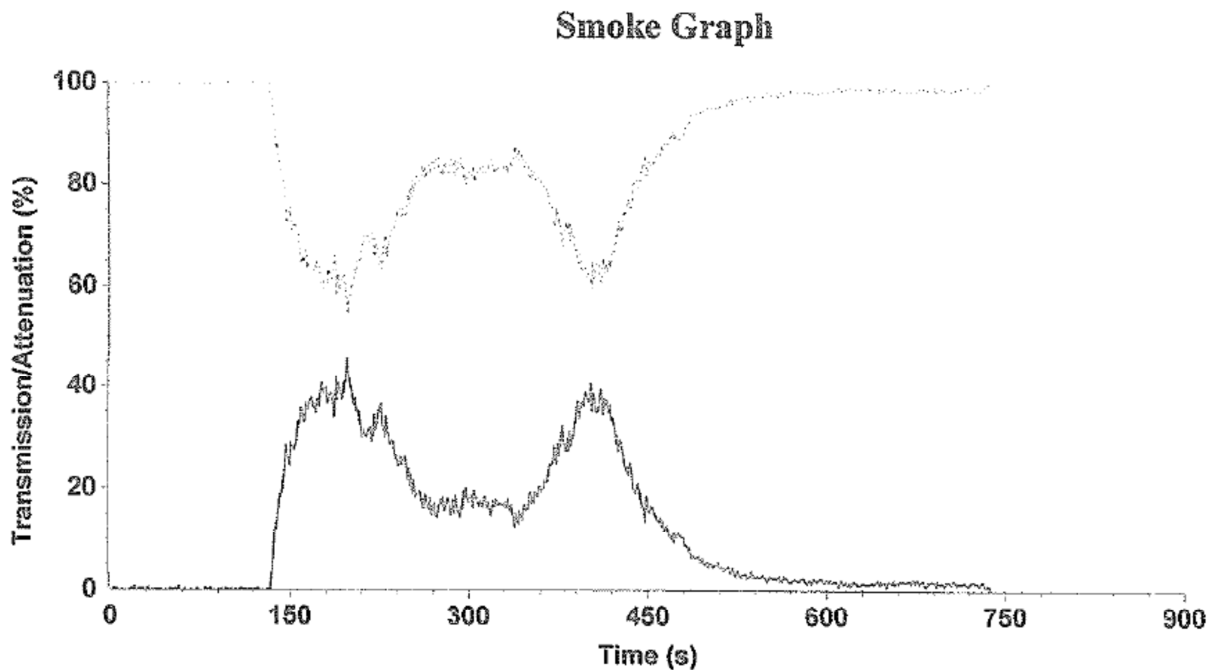
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Sample 1 Length

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



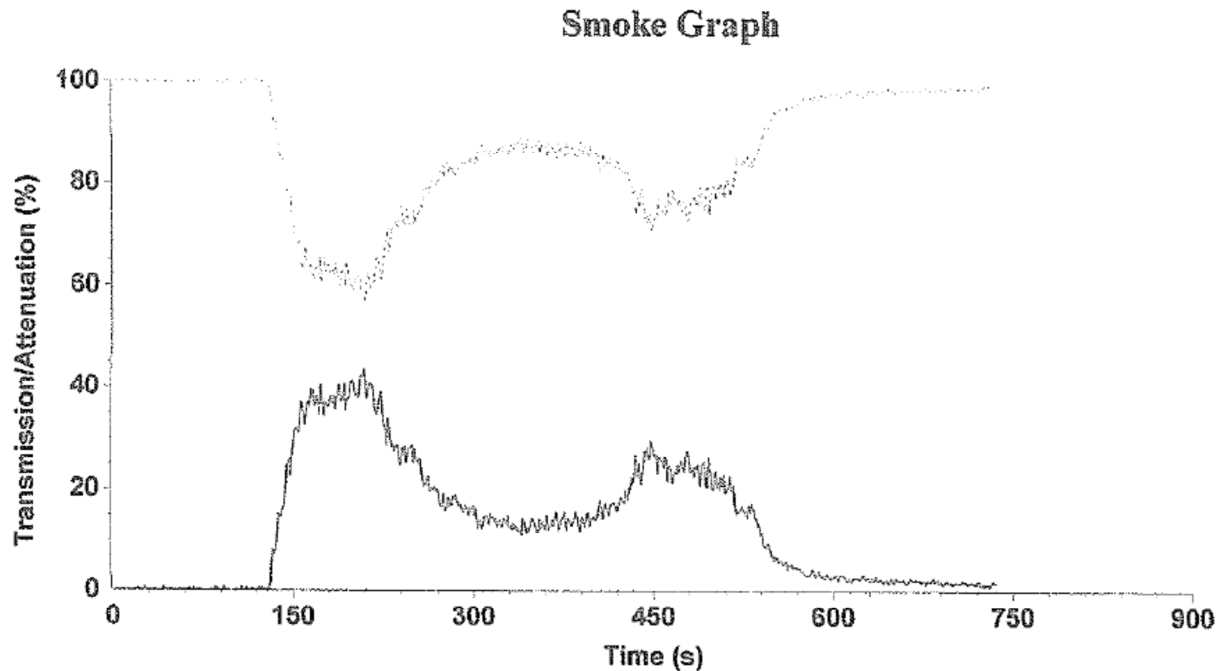
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Sample 1 Width

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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



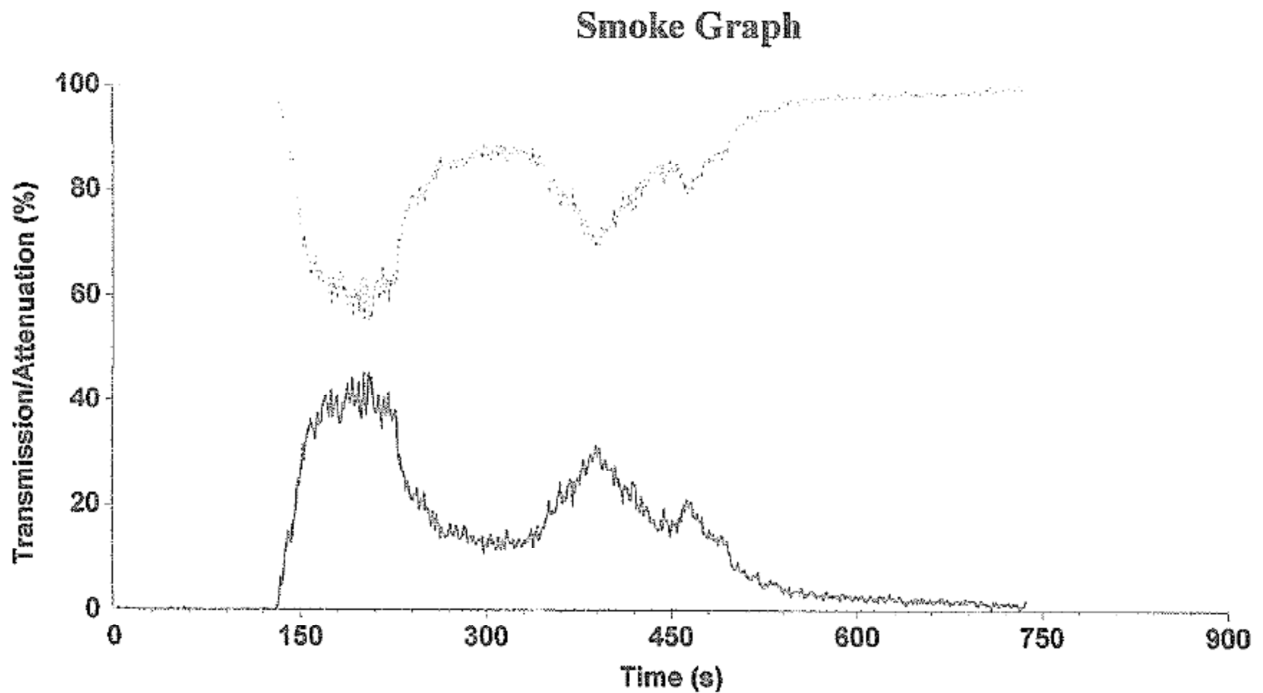
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Sample 2 Length

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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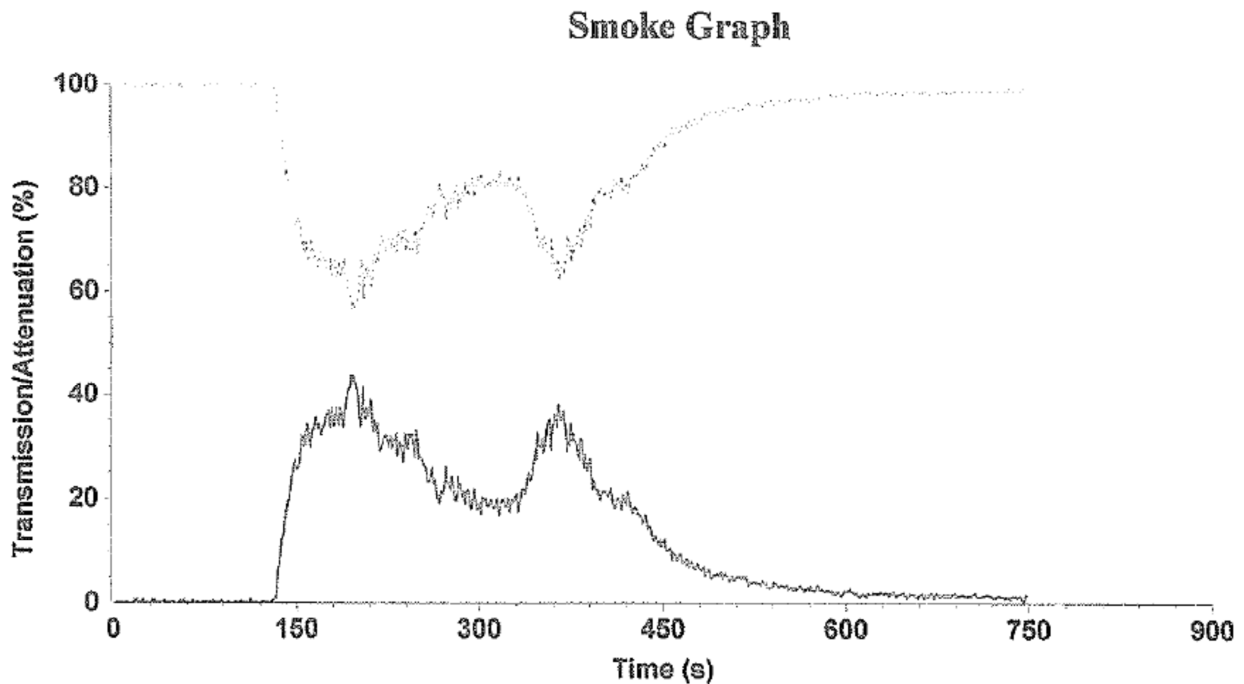
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Sample 3 Length

Light Attenuation Over Time



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