



TEST REPORT

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

Test Report No: D11-17-050
Sample Received date: 18/08/2017
Test Date: 15/09/2017
Report Date: 20/09/2017

Sample Description: Client Reference: "Paver"
100% Solution Dyed Nylon 6
644g/m² on a Glasbac Backing

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 | 3.8 | - | - | 3.8 kW/m ² |
| Width | 3.5 | 3.5 | 3.1 | 3.4 kW/m ² |

| Smoke Value | Sample 1 | Sample 2 | Sample 3 | Mean |
|-------------|----------|----------|----------|-----------|
| Length | 240 | - | - | 240 %.min |
| Width | 255 | 247 | 269 | 257 %.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 Intertac adhesive.



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Sample 1 Length

Rake Results

| Position (mm) | Time (s) |
|---------------|----------|
| 60 | 177 |
| 110 | 259 |
| 160 | 322 |
| 210 | 385 |
| 260 | 686 |
| 310 | 863 |
| 360 | 1031 |
| 410 | 1301 |
| 460 | 1552 |
| 510 | - |
| 560 | - |

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 400
Flame Spread at 30minutes (mm): 480

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.35
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.23
Heat Flux at 30 minutes – HF-30 (kW/m²): 3.90

Final Flame Spread Distance (mm): 485
Critical Heat Flux – CHF (kW/m²): 3.83

Extinguishing Time (s): 2082

Maximum Light Attenuation (%): 51.32
Integrated Smoke Value (%.min): 239.94



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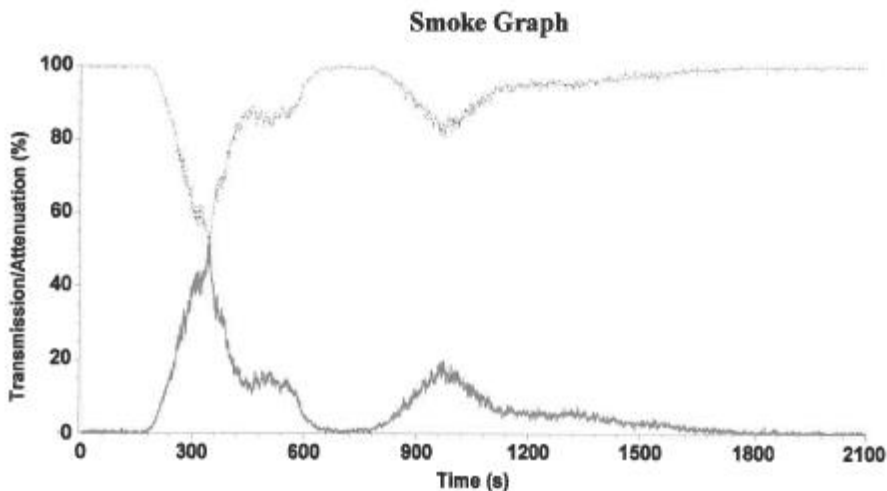
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Sample 1 Length

Light Attenuation Over Time

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Test name : LENGTH1
File name : C:\FRPSOFT\DATA\17090025.CSV



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Sample 1 Width

Rake Results

| Position (mm) | Time (s) |
|---------------|----------|
| 60 | 193 |
| 110 | 270 |
| 160 | 333 |
| 210 | 413 |
| 260 | 578 |
| 310 | 771 |
| 360 | 956 |
| 410 | 1274 |
| 460 | 1691 |
| 510 | 2418 |
| 560 | - |

Test Results

Flame Spread at 10 minutes (mm): 270
Flame Spread at 20minutes (mm): 400
Flame Spread at 30minutes (mm): 460

Heat Flux at 10 minutes – HF-10 (kW/m²): 7.87
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.23
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.19

Final Flame Spread Distance (mm): 510
Critical Heat Flux – CHF (kW/m²): 3.47

Extinguishing Time (s): 2829

Maximum Light Attenuation (%): 49.74
Integrated Smoke Value (%.min): 255.14



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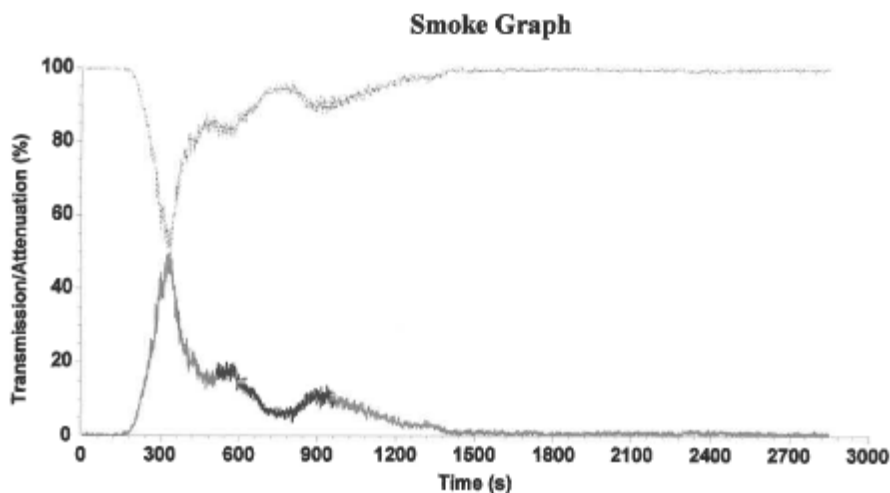
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Sample 1 Width

Light Attenuation Over Time

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Test name : WIDTH1
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Sample 2 Width

Rake Results

| Position (mm) | Time (s) |
|---------------|----------|
| 60 | 186 |
| 110 | 274 |
| 160 | 342 |
| 210 | 438 |
| 260 | 645 |
| 310 | 827 |
| 360 | 1058 |
| 410 | 1266 |
| 460 | 1554 |
| 510 | 2046 |
| 560 | - |

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 400
Flame Spread at 30minutes (mm): 470

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.47
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.23
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.04

Final Flame Spread Distance (mm): 510
Critical Heat Flux – CHF (kW/m²): 3.47

Extinguishing Time (s): 2716

Maximum Light Attenuation (%): 43.67
Integrated Smoke Value (%.min): 247.47



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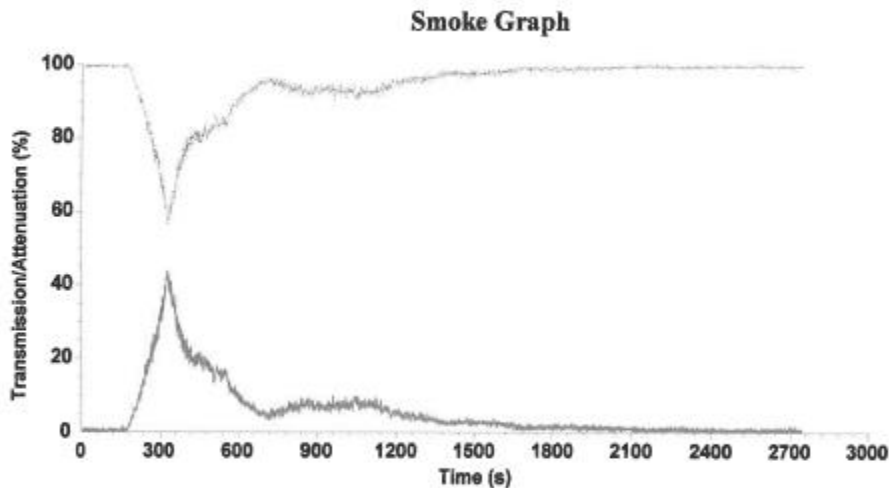
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Sample 2 Width

Light Attenuation Over Time

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Test name : WIDTH2
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Sample 3 Width

Rake Results

| Position (mm) | Time (s) |
|---------------|----------|
| 60 | 200 |
| 110 | 281 |
| 160 | 349 |
| 210 | 457 |
| 260 | 603 |
| 310 | 728 |
| 360 | 912 |
| 410 | 1071 |
| 460 | 1280 |
| 510 | 1589 |
| 560 | - |

Test Results

Flame Spread at 10 minutes (mm): 260
Flame Spread at 20minutes (mm): 430
Flame Spread at 30minutes (mm): 530

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.11
Heat Flux at 20 minutes – HF-20 (kW/m²): 4.70
Heat Flux at 30 minutes – HF-30 (kW/m²): 3.23

Final Flame Spread Distance (mm): 540
Critical Heat Flux – CHF (kW/m²): 3.12

Extinguishing Time (s): 2466

Maximum Light Attenuation (%): 44.33
Integrated Smoke Value (%.min): 269.13



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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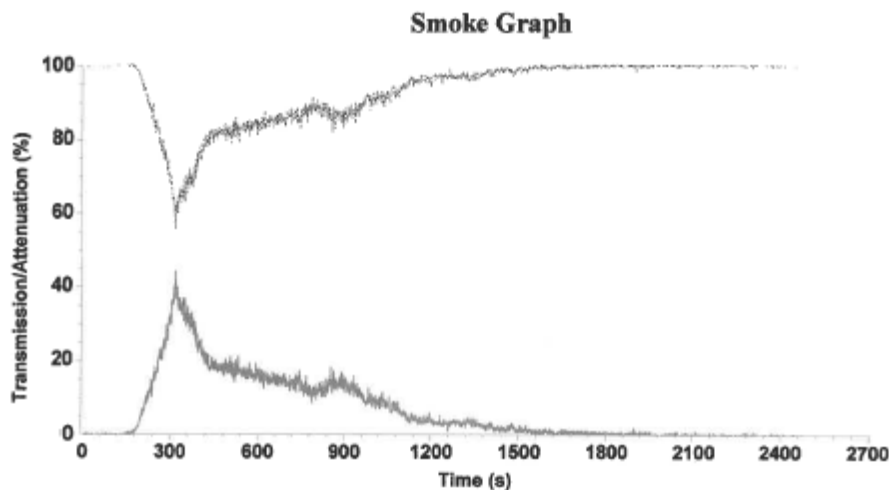
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Sample 3 Width

Light Attenuation Over Time

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Test name : WIDTH3
File name : C:\FRPSOFT\DATA\17090028.CSV