



TEST REPORT

| | | | |
|----------------|-----------------------------|-----------------------|------------|
| Sample | Interface Australia PTY LTD | Test Report No: | R24-167 |
| Manufacturing: | 34 Airds Road Minto | Sample Received Date: | 24/05/2024 |
| | NSW 2566 | Test Date: | 24/07/2024 |
| | Australia | Report Date: | 29/07/2024 |

| | | |
|--------------|--|---------------------|
| Sample | Client Reference: "JUMBO ROCK" | Test Sponsor: |
| Description: | Loop Pile Carpet Tile | |
| | 100% Solution Dyed Nylon 6 | Interface Australia |
| | 610g/m ² on a Glasbac Backing | |

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 | 4.9 | - | - | - | kW/m ² |
| Width | 4.4 | 4.6 | 4.4 | 4.4 | kW/m ² |

| Smoke Value | Sample 1 | Sample 2 | Sample 3 | Mean | |
|-------------|----------|----------|----------|------|-------|
| Length | 149 | - | - | - | %.min |
| Width | 171 | 185 | 165 | 173 | %.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.

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Sample 1 Length

Test Results

| | |
|--|----------------------------------|
| Time to ignition | : 2 minutes 11 seconds (131 s) |
| Time to flameout | : 38 minutes 57 seconds (2337 s) |
| Extent of burning (mm) | : 410 |
| Critical flux at extinguishment (kW/m ²) | : 4.88 |
| HF-10 (kW/m ²) | : 9.62 |
| HF-20 (kW/m ²) | : 7.05 |
| HF-30 (kW/m ²) | : 5.51 |
| Flame spread at 10 minutes (mm) | : 200 |
| Flame spread at 20 minutes (mm) | : 310 |
| Flame spread at 30 minutes (mm) | : 380 |
| Peak light attenuation (%) | : 23.88 |
| Time to peak light attenuation | : 6 minutes 32 seconds (392 s) |
| Total integrated smoke (%.min) | : 148.93 |

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TEST REPORT

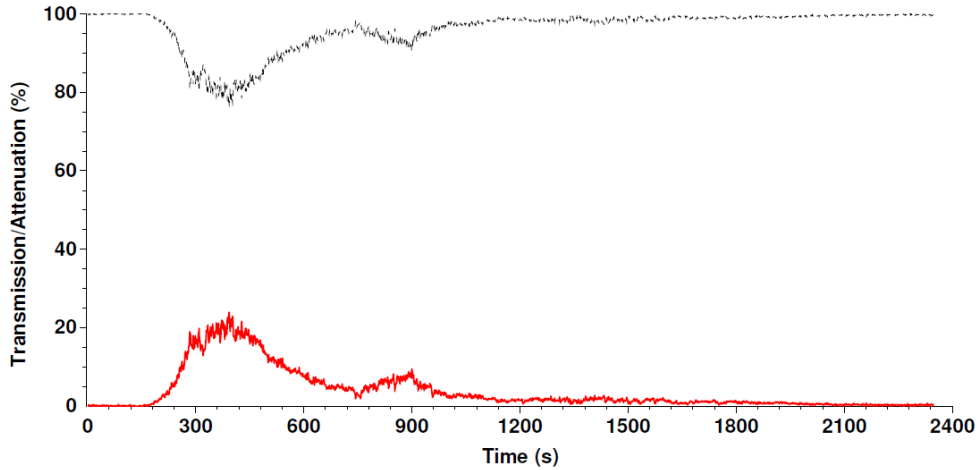
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Sample 1 Length
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

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Smoke Graph



Test name : LENGTH1
 File name : C:\FRPSOFT\DATA\24070049.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 | 257 | 12.3 | 3.151 | 510 | - | 3.4 | - |
| 110 | 347 | 11.3 | 3.914 | 560 | - | 2.8 | - |
| 160 | 474 | 10.4 | 4.934 | 610 | - | 2.4 | - |
| 210 | 636 | 9.4 | 5.991 | 660 | - | 2.0 | - |
| 260 | 850 | 8.2 | 6.973 | 710 | - | 1.7 | - |
| 310 | 1153 | 7.0 | 8.126 | 760 | - | 1.5 | - |
| 360 | 1536 | 5.9 | 9.102 | 810 | - | 1.3 | - |
| 410 | 2115 | 4.9 | 10.328 | 860 | - | 1.2 | - |
| 460 | - | 4.1 | - | 910 | - | 1.1 | - |

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Sample 1 Width

Test Results

| | |
|--|----------------------------------|
| Time to ignition | : 2 minutes 23 seconds (143 s) |
| Time to flameout | : 57 minutes 15 seconds (3435 s) |
| Extent of burning (mm) | : 440 |
| Critical flux at extinguishment (kW/m ²) | : 4.39 |
| HF-10 (kW/m ²) | : 9.62 |
| HF-20 (kW/m ²) | : 6.82 |
| HF-30 (kW/m ²) | : 5.51 |
| Flame spread at 10 minutes (mm) | : 200 |
| Flame spread at 20 minutes (mm) | : 320 |
| Flame spread at 30 minutes (mm) | : 380 |
| Peak light attenuation (%) | : 24.54 |
| Time to peak light attenuation | : 6 minutes 34 seconds (394 s) |
| Total integrated smoke (%.min) | : 170.87 |

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TEST REPORT

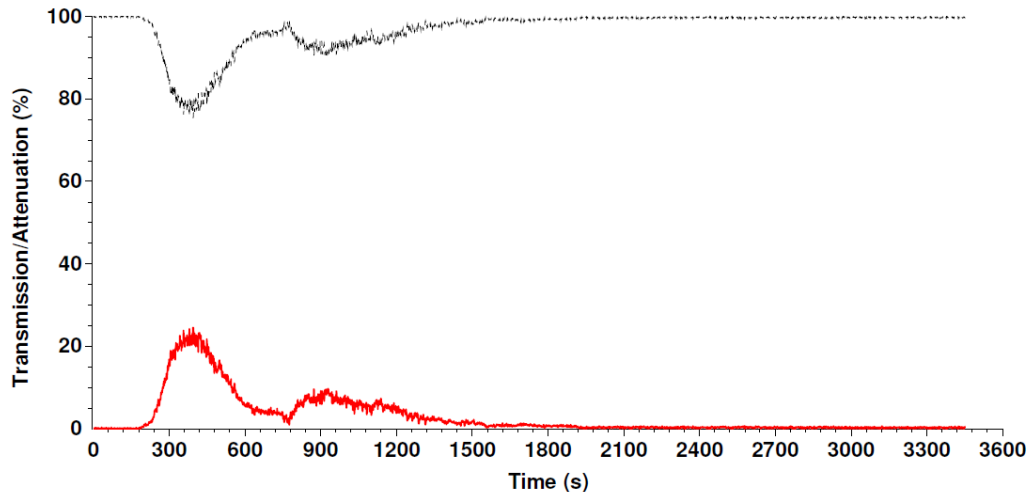
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Sample 1 Width
Light Attenuation Over Time and Rake Results

Report produced with the Fire Testing Technology FRPSoft software

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Smoke Graph



Test name : WIDTH1
 File name : C:\FRPSOFT\DATA\24070050.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 | 267 | 12.3 | 3.274 | 510 | - | 3.4 | - |
| 110 | 377 | 11.3 | 4.253 | 560 | - | 2.8 | - |
| 160 | 445 | 10.4 | 4.632 | 610 | - | 2.4 | - |
| 210 | 701 | 9.4 | 6.603 | 660 | - | 2.0 | - |
| 260 | 916 | 8.2 | 7.515 | 710 | - | 1.7 | - |
| 310 | 1149 | 7.0 | 8.098 | 760 | - | 1.5 | - |
| 360 | 1540 | 5.9 | 9.126 | 810 | - | 1.3 | - |
| 410 | 2112 | 4.9 | 10.313 | 860 | - | 1.2 | - |
| 460 | - | 4.1 | - | 910 | - | 1.1 | - |

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Sample 2 Width

Test Results

| | |
|--|----------------------------------|
| Time to ignition | : 2 minutes 15 seconds (135 s) |
| Time to flameout | : 41 minutes 53 seconds (2513 s) |
| Extent of burning (mm) | : 430 |
| Critical flux at extinguishment (kW/m ²) | : 4.55 |
| HF-10 (kW/m ²) | : 9.62 |
| HF-20 (kW/m ²) | : 6.60 |
| HF-30 (kW/m ²) | : 5.09 |
| Flame spread at 10 minutes (mm) | : 200 |
| Flame spread at 20 minutes (mm) | : 330 |
| Flame spread at 30 minutes (mm) | : 400 |
| Peak light attenuation (%) | : 26.61 |
| Time to peak light attenuation | : 6 minutes 24 seconds (384 s) |
| Total integrated smoke (%.min) | : 184.63 |

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TEST REPORT

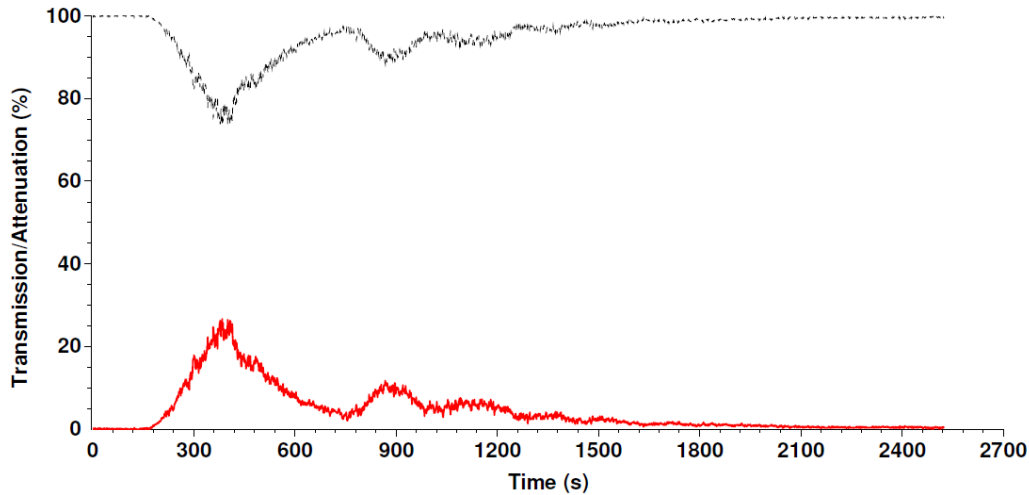
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Sample 2 Width
Light Attenuation Over Time and Rake Results

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Smoke Graph



Test name : WIDTH2
 File name : C:\FRPSOFT\DATA\24070051.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 | 271 | 12.3 | 3.323 | 510 | - | 3.4 | - |
| 110 | 337 | 11.3 | 3.801 | 560 | - | 2.8 | - |
| 160 | 460 | 10.4 | 4.789 | 610 | - | 2.4 | - |
| 210 | 618 | 9.4 | 5.822 | 660 | - | 2.0 | - |
| 260 | 828 | 8.2 | 6.793 | 710 | - | 1.7 | - |
| 310 | 1078 | 7.0 | 7.598 | 760 | - | 1.5 | - |
| 360 | 1449 | 5.9 | 8.587 | 810 | - | 1.3 | - |
| 410 | 1943 | 4.9 | 9.488 | 860 | - | 1.2 | - |
| 460 | - | 4.1 | - | 910 | - | 1.1 | - |

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Sample 3 Width

Test Results

| | |
|--|----------------------------------|
| Time to ignition | : 2 minutes 14 seconds (134 s) |
| Time to flameout | : 45 minutes 22 seconds (2722 s) |
| Extent of burning (mm) | : 440 |
| Critical flux at extinguishment (kW/m ²) | : 4.39 |
| HF-10 (kW/m ²) | : 9.62 |
| HF-20 (kW/m ²) | : 6.82 |
| HF-30 (kW/m ²) | : 5.30 |
| Flame spread at 10 minutes (mm) | : 200 |
| Flame spread at 20 minutes (mm) | : 320 |
| Flame spread at 30 minutes (mm) | : 390 |
| Peak light attenuation (%) | : 24.14 |
| Time to peak light attenuation | : 6 minutes 01 seconds (361 s) |
| Total integrated smoke (%.min) | : 164.94 |

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TEST REPORT

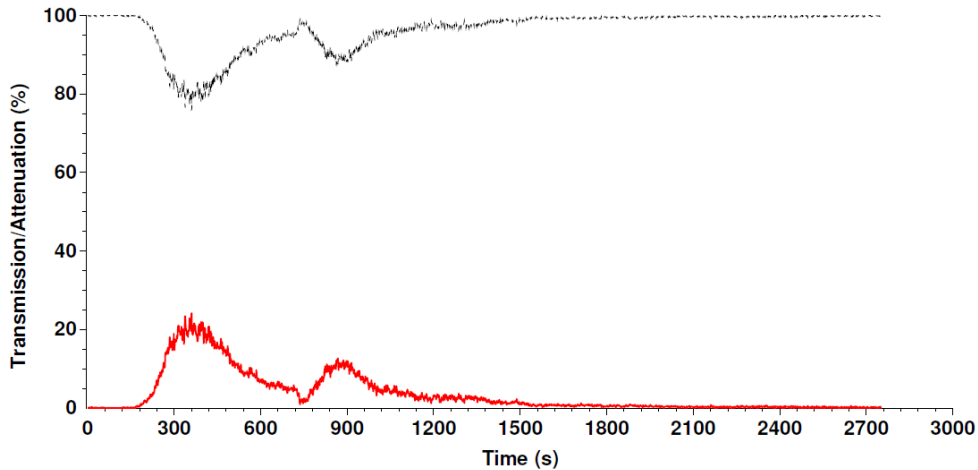
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Sample 3 Width
Light Attenuation Over Time and Rake Results

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Smoke Graph



Test name : WIDTH3
 File name : C:\FRPSOFT\DATA\24070052.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 | 244 | 12.3 | 2.992 | 510 | - | 3.4 | - |
| 110 | 347 | 11.3 | 3.914 | 560 | - | 2.8 | - |
| 160 | 454 | 10.4 | 4.726 | 610 | - | 2.4 | - |
| 210 | 661 | 9.4 | 6.227 | 660 | - | 2.0 | - |
| 260 | 818 | 8.2 | 6.711 | 710 | - | 1.7 | - |
| 310 | 1108 | 7.0 | 7.809 | 760 | - | 1.5 | - |
| 360 | 1452 | 5.9 | 8.605 | 810 | - | 1.3 | - |
| 410 | 2006 | 4.9 | 9.795 | 860 | - | 1.2 | - |
| 460 | - | 4.1 | - | 910 | - | 1.1 | - |

END OF REPORT

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