



## TEST REPORT

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

Test Report No: D11-17-053  
Sample Received date: 18/08/2017  
Test Date: 13/09/2017  
Report Date: 20/09/2017

Sample Description: Client Reference: "Stone Course"  
100% Solution Dyed Nylon 6  
746g/m<sup>2</sup> 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	4.0	-	-	4.0 kW/m <sup>2</sup>
Width	3.6	3.9	3.9	3.8 kW/m <sup>2</sup>

Smoke Value	Sample 1	Sample 2	Sample 3	Mean
Length	230	-	-	230 %.min
Width	272	284	280	279 %.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	189
110	300
160	386
210	486
260	665
310	815
360	1009
410	1216
460	1459
510	-
560	-

### Test Results

Flame Spread at 10 minutes (mm): 240  
Flame Spread at 20minutes (mm): 410  
Flame Spread at 30minutes (mm): 470

Heat Flux at 10 minutes – HF-10 (kW/m<sup>2</sup>): 8.60  
Heat Flux at 20 minutes – HF-20 (kW/m<sup>2</sup>): 5.05  
Heat Flux at 30 minutes – HF-30 (kW/m<sup>2</sup>): 4.04

Final Flame Spread Distance (mm): 470  
Critical Heat Flux – CHF (kW/m<sup>2</sup>): 4.04

Extinguishing Time (s): 2384

Maximum Light Attenuation (%): 37.37  
Integrated Smoke Value (%.min): 229.50



# 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

## TEST REPORT

Client: Interface Australia PTY LTD  
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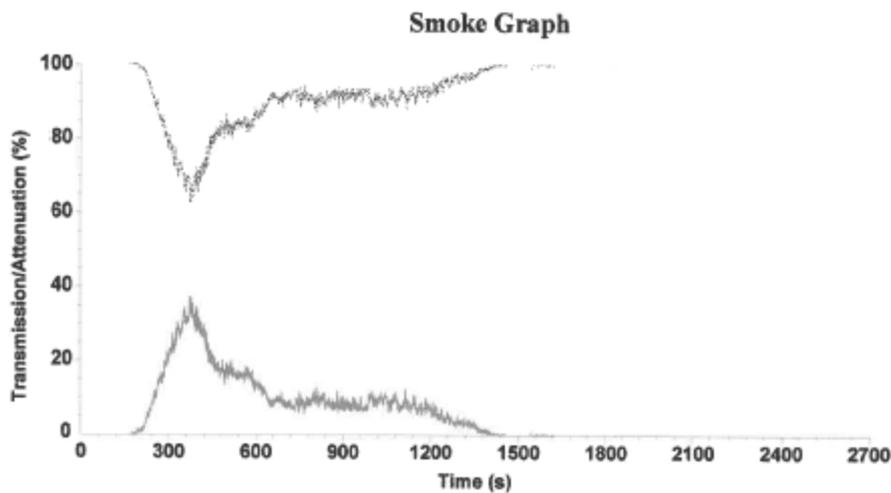
Test Report No: D11-17-053  
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### Sample 1 Length

### Light Attenuation Over Time

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : Length 1  
File name : C:\FRPSOFT\DATA\17090013.CSV



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### Sample 1 Width

#### Rake Results

Position (mm)	Time (s)
60	192
110	294
160	379
210	484
260	612
310	893
360	986
410	1104
460	1703
510	-
560	-

#### Test Results

Flame Spread at 10 minutes (mm): 260  
Flame Spread at 20minutes (mm): 430  
Flame Spread at 30minutes (mm): 470

Heat Flux at 10 minutes – HF-10 (kW/m<sup>2</sup>): 8.11  
Heat Flux at 20 minutes – HF-20 (kW/m<sup>2</sup>): 4.70  
Heat Flux at 30 minutes – HF-30 (kW/m<sup>2</sup>): 4.04

Final Flame Spread Distance (mm): 500  
Critical Heat Flux – CHF (kW/m<sup>2</sup>): 3.61

Extinguishing Time (s): 2586

Maximum Light Attenuation (%): 40.50  
Integrated Smoke Value (%.min): 272.10



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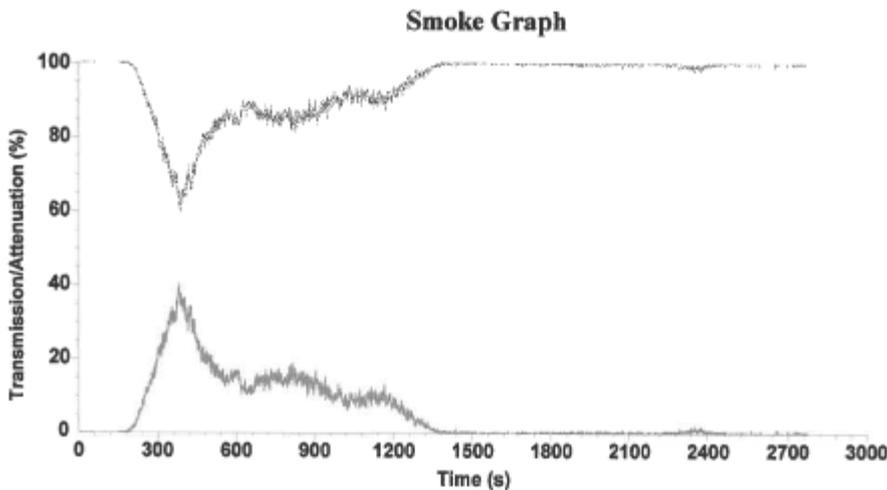
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### Sample 1 Width

### Light Attenuation Over Time

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : Width1  
File name : C:\FRPSOFT\DATA\17090014.CSV



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### Sample 2 Width

### Rake Results

Position (mm)	Time (s)
60	199
110	281
160	353
210	457
260	641
310	814
360	961
410	1132
460	1357
510	-
560	-

### Test Results

Flame Spread at 10 minutes (mm): 240  
Flame Spread at 20minutes (mm): 420  
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m<sup>2</sup>): 8.60  
Heat Flux at 20 minutes – HF-20 (kW/m<sup>2</sup>): 4.88  
Heat Flux at 30 minutes – HF-30 (kW/m<sup>2</sup>): Not calculated (test duration <30 minutes)

Final Flame Spread Distance (mm): 480  
Critical Heat Flux – CHF (kW/m<sup>2</sup>): 3.90

Extinguishing Time (s): 1674

Maximum Light Attenuation (%): 44.71  
Integrated Smoke Value (%.min): 283.71



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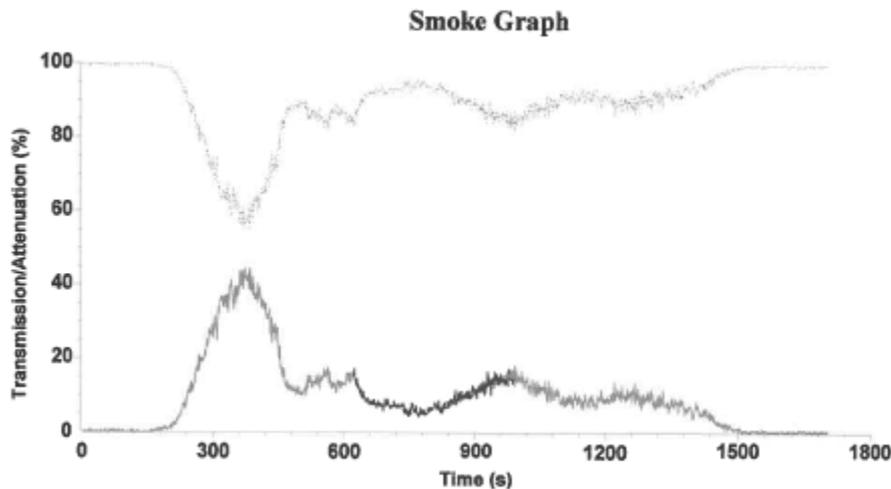
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### Sample 2 Width

### Light Attenuation Over Time

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : Width2  
File name : C:\FRPSOFT\DATA\17090015.CSV



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### Sample 3 Width

#### Rake Results

Position (mm)	Time (s)
60	188
110	254
160	317
210	413
260	663
310	849
360	992
410	1158
460	1357
510	-
560	-

#### Test Results

Flame Spread at 10 minutes (mm): 250  
Flame Spread at 20minutes (mm): 420  
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m<sup>2</sup>): 8.35  
Heat Flux at 20 minutes – HF-20 (kW/m<sup>2</sup>): 4.88  
Heat Flux at 30 minutes – HF-30 (kW/m<sup>2</sup>): Not calculated (test duration <30 minutes)

Final Flame Spread Distance (mm): 480  
Critical Heat Flux – CHF (kW/m<sup>2</sup>): 3.90

Extinguishing Time (s): 1708

Maximum Light Attenuation (%): 48.41  
Integrated Smoke Value (%.min): 280.27



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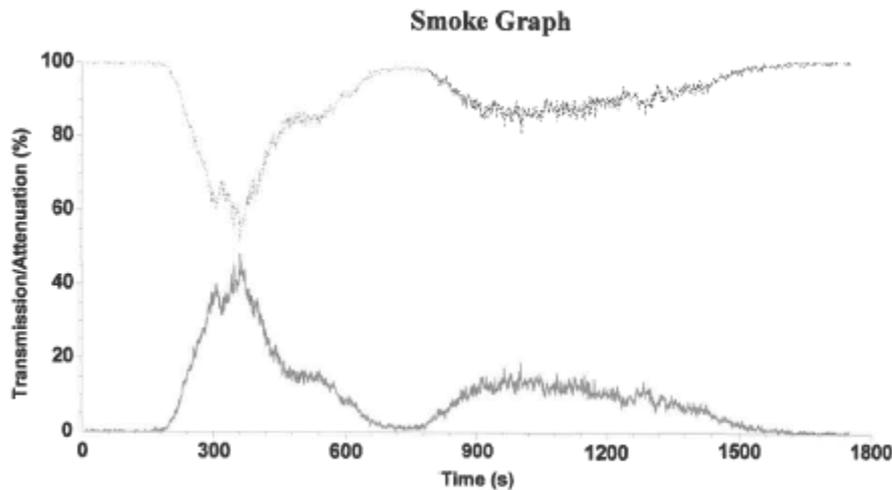
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### Sample 3 Width

### Light Attenuation Over Time

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page 3



Test name : Width3  
File name : C:\FRPSOFT\DATA\17090016.CSV