



TEST REPORT

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

Test Report No: D11-17-047
Sample Received date: 18/08/2017
Test Date: 06/09/2017
Report Date: 19/09/2017

Sample Description: Client Reference: "Sett In Stone"
100% Solution Dyed Nylon 6
915g/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	4.2	-	-	4.2 kW/m ²
Width	3.9	8.4	3.8	5.4 kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean
Length	256	-	-	256 %.min
Width	266	163	283	237 %.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	202
110	254
160	330
210	398
260	587
310	807
360	998
410	1174
460	1438
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 260
Flame Spread at 20minutes (mm): 410
Flame Spread at 30minutes (mm): 460

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.11
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.05
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.19

Final Flame Spread Distance (mm): 460
Critical Heat Flux – CHF (kW/m²): 4.19

Extinguishing Time (s): 2097

Maximum Light Attenuation (%): 43.56
Integrated Smoke Value (%.min): 255.54



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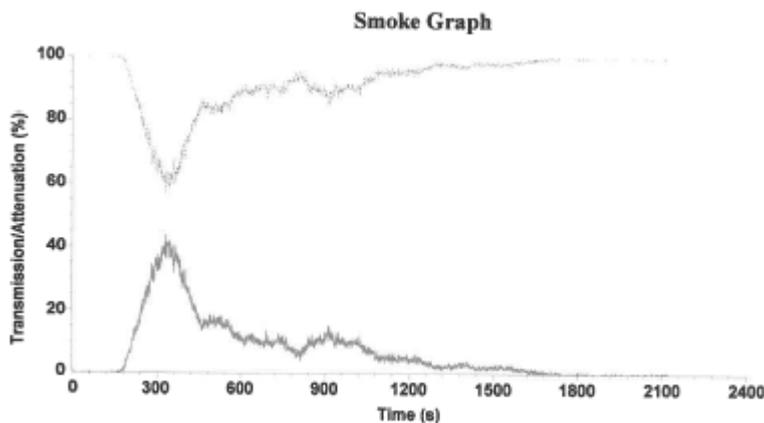
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Sample 1 Length

Light Attenuation Over Time

Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : LENGTH 1
File name : C:\FRPSOFT\DATA\17090001.CSV



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Sample 1 Width

Rake Results

Position (mm)	Time (s)
60	208
110	262
160	370
210	432
260	594
310	818
360	977
410	1437
460	1780
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 260
Flame Spread at 20minutes (mm): 400
Flame Spread at 30minutes (mm): 460

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.11
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): 480
Critical Heat Flux – CHF (kW/m²): 3.90

Extinguishing Time (s): 2155

Maximum Light Attenuation (%): 45.20
Integrated Smoke Value (%.min): 266.15



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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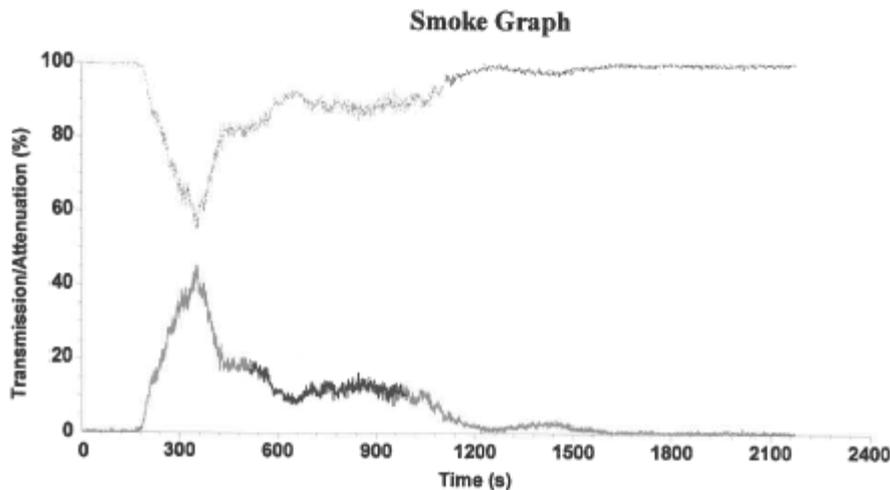
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Sample 1 Width

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Report produced with the Fire Testing Technology FRPSoft software

page 3



Test name : WIDTH 1
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Sample 2 Width

Rake Results

Position (mm)	Time (s)
60	195
110	272
160	360
210	425
260	-
310	-
360	-
410	-
460	-
510	-
560	-

Test Results

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

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.35
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): 250
Critical Heat Flux – CHF (kW/m²): 8.35

Extinguishing Time (s): 754

Maximum Light Attenuation (%): 46.42
Integrated Smoke Value (%.min): 163.45



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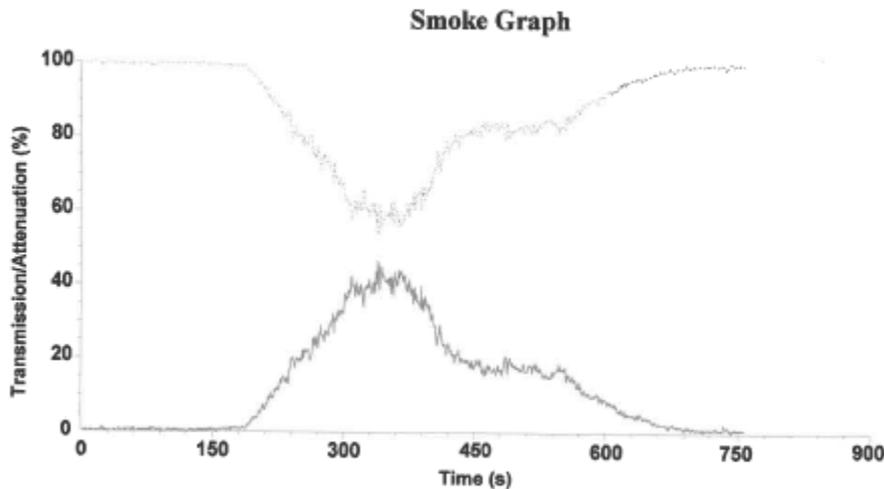
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Sample 2 Width

Light Attenuation Over Time

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page 3



Test name : WIDTH 2
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Sample 3 Width

Rake Results

Position (mm)	Time (s)
60	206
110	275
160	348
210	562
260	991
310	997
360	1160
410	1532
460	2192
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 360
Flame Spread at 30minutes (mm): 450

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.35
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.96
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.36

Final Flame Spread Distance (mm): 490
Critical Heat Flux – CHF (kW/m²): 3.75

Extinguishing Time (s): 3717

Maximum Light Attenuation (%): 45.60
Integrated Smoke Value (%.min): 282.57



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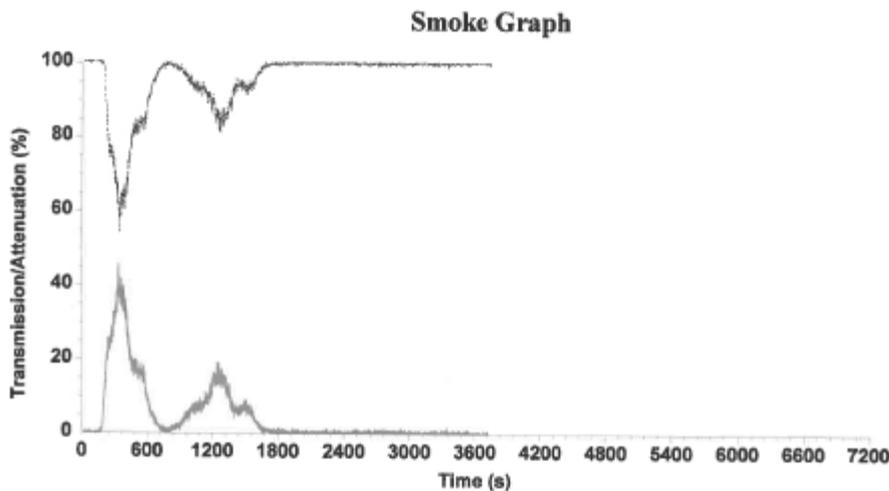
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Sample 3 Width

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page 3



Test name : WIDTH 3
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