



TEST REPORT

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

Test Report No: D11-16-039
Sample Received date: 13/05/2016
Test Date: 16/05/2016
Report Date: 19/05/2016

Sample Description: Client Reference: "Counterbalance"
100% Solution Dyed Nylon 66
542g/m² 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	4.2	-	-	-	kW/m ²
Width	4.2	4.4	4.2	4.3	kW/m ²
Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	172	-	-	-	%.min
Width	1787	183	186	182	%.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	239
110	335
160	404
210	539
260	719
310	931
360	1064
410	1388
460	1744
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 220
Flame Spread at 20minutes (mm): 400
Flame Spread at 30minutes (mm): 460

Heat Flux at 10 minutes – HF-10 (kW/m²): 9.0
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.3
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.2

Final Flame Spread Distance (mm): 460
Critical Heat Flux – CHF (kW/m²): 4.2

Extinguishing Time (s): 2238

Maximum Light Attenuation (%): 26.4
Integrated Smoke Value (%.min): 172



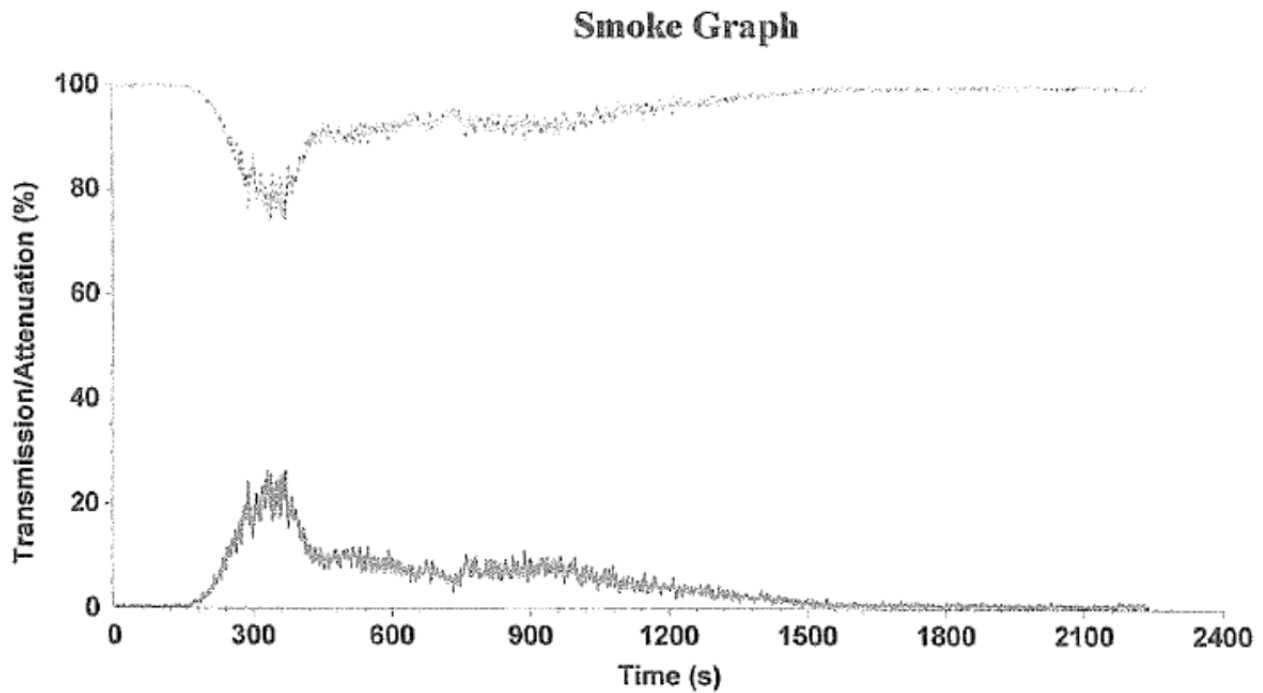
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Sample 1 Length

Light Attenuation Over Time



Test name : LENGTH 1
File name : C:\FRPSOFT\DATA\16050033.CSV



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Sample 1 Width

Rake Results

Position (mm)	Time (s)
60	252
110	343
160	423
210	568
260	830
310	1010
360	1204
410	1357
460	1982
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 230
Flame Spread at 20minutes (mm): 380
Flame Spread at 30minutes (mm): 450

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.8
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.7
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.4

Final Flame Spread Distance (mm): 460
Critical Heat Flux – CHF (kW/m²): 4.2

Extinguishing Time (s): 2071

Maximum Light Attenuation (%): 24.5
Integrated Smoke Value (%.min): 178



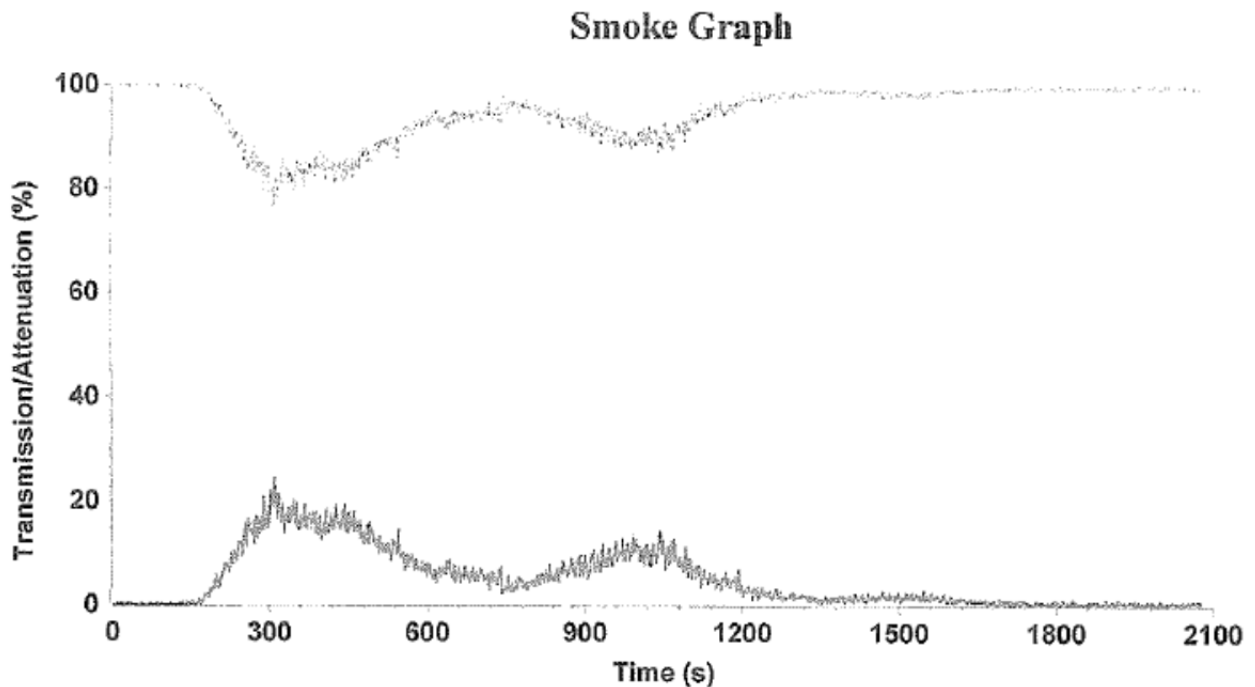
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Sample 1 Width

Light Attenuation Over Time



Test name : WIDTH 1
File name : C:\FRPSOFT\DATA\16050034.CSV



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Sample 2 Width

Rake Results

Position (mm)	Time (s)
60	209
110	276
160	360
210	491
260	682
310	799
360	1000
410	1222
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 410
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.4
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.1
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 450
Critical Heat Flux – CHF (kW/m²): 4.4

Extinguishing Time (s): 1797

Maximum Light Attenuation (%): 35.1
Integrated Smoke Value (%.min): 183



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

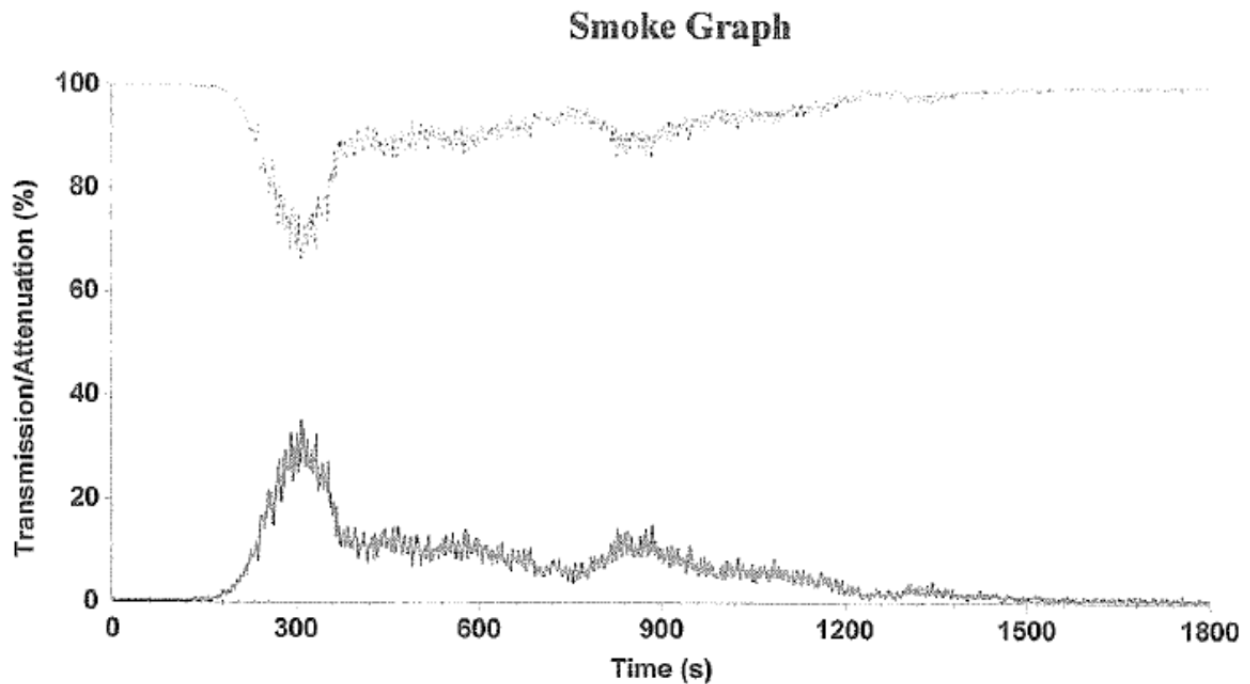
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Sample 2 Width

Light Attenuation Over Time



Test name : WIDTH 2
File name : C:\FRPSOFT\DATA\16050035.CSV



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Sample 3 Width

Rake Results

Position (mm)	Time (s)
60	218
110	298
160	386
210	477
260	612
310	860
360	1006
410	1194
460	1560
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 410
Flame Spread at 30minutes (mm): Not measured

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.4
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.1
Heat Flux at 30 minutes – HF-30 (kW/m²): Not calculated (test duration < 30 minutes)

Final Flame Spread Distance (mm): 460
Critical Heat Flux – CHF (kW/m²): 4.2

Extinguishing Time (s): 1685

Maximum Light Attenuation (%): 33.7
Integrated Smoke Value (%.min): 186



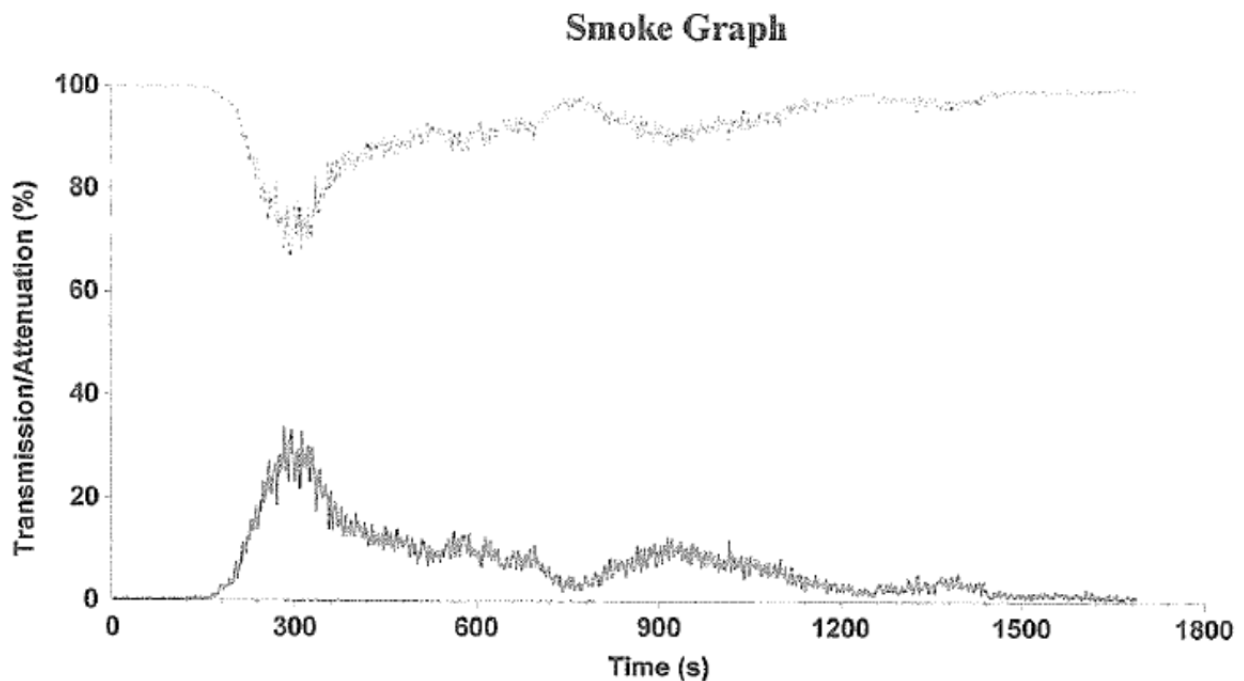
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Sample 3 Width

Light Attenuation Over Time



Test name : WIDTH 3
File name : C:\FRPSOFT\DATA\16050036.CSV