



TEST REPORT

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

Test Report No: D11-17-054
Sample Received date: 18/08/2017
Test Date: 21/09/2017
Report Date: 25/09/2017

Sample Description: Client Reference: "Moss In Stone"
100% Solution Dyed Nylon 6
848g/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	3.9	3.8	3.5	3.7	kW/m ²
Width	4.4	-	-	4.4	kW/m ²

Smoke Value	Sample 1	Sample 2	Sample 3	Mean	
Length	266	241	249	252	%.min
Width	255	-	-	255	%.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	175
110	249
160	309
210	371
260	450
310	585
360	810
410	977
460	1198
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 320
Flame Spread at 20minutes (mm): 460
Flame Spread at 30minutes (mm): 480

Heat Flux at 10 minutes – HF-10 (kW/m²): 6.75
Heat Flux at 20 minutes – HF-20 (kW/m²): 4.19
Heat Flux at 30 minutes – HF-30 (kW/m²): 3.90

Final Flame Spread Distance (mm): 480
Critical Heat Flux – CHF (kW/m²): 3.90

Extinguishing Time (s): 1915

Maximum Light Attenuation (%): 52.35
Integrated Smoke Value (%.min): 265.81



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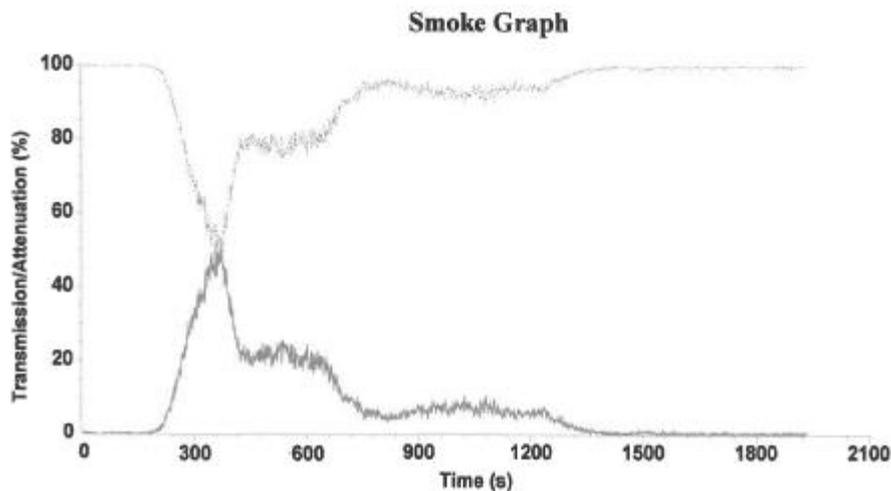
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Sample 1 Length

Light Attenuation Over Time

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Test name : LENGTH1
File name : C:\FRPSOFT\DATA\17090029.CSV



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Sample 1 Width

Rake Results

Position (mm)	Time (s)
60	211
110	294
160	369
210	485
260	701
310	891
360	1063
410	1383
460	-
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 235
Flame Spread at 20minutes (mm): 380
Flame Spread at 30minutes (mm): 440

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.72
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.59
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.53

Final Flame Spread Distance (mm): 450
Critical Heat Flux – CHF (kW/m²): 4.36

Extinguishing Time (s): 2165

Maximum Light Attenuation (%): 40.73
Integrated Smoke Value (%.min): 255.44



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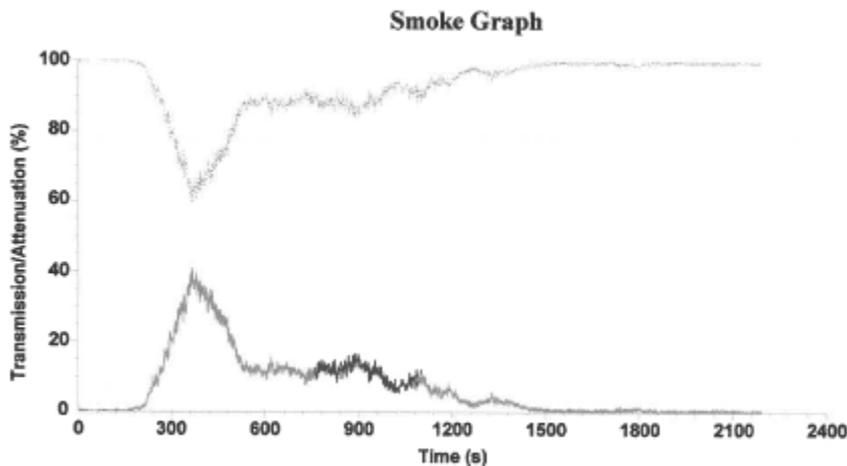
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Sample 1 Width

Light Attenuation Over Time

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Test name : WIDTH1
File name : C:\FRPSOFT\DATA\17090030.CSV



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Sample 2 Length

Rake Results

Position (mm)	Time (s)
60	206
110	293
160	383
210	498
260	763
310	960
360	1157
410	1453
460	2282
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 240
Flame Spread at 20minutes (mm): 375
Flame Spread at 30minutes (mm): 450

Heat Flux at 10 minutes – HF-10 (kW/m²): 8.60
Heat Flux at 20 minutes – HF-20 (kW/m²): 5.68
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): 2994

Maximum Light Attenuation (%): 42.93
Integrated Smoke Value (%.min): 240.62



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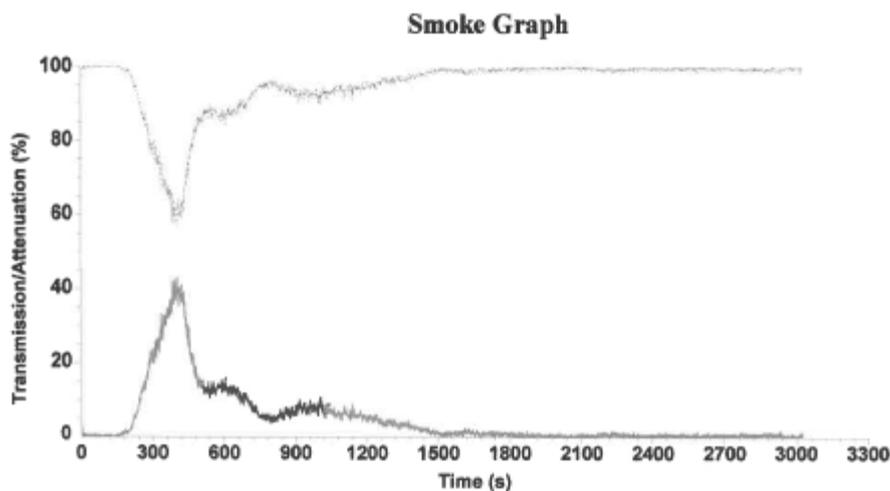
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Sample 2 Length

Light Attenuation Over Time

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Test name : LENGTH2
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Sample 3 Length

Rake Results

Position (mm)	Time (s)
60	207
110	279
160	368
210	451
260	659
310	828
360	1065
410	1329
460	2312
510	-
560	-

Test Results

Flame Spread at 10 minutes (mm): 250
Flame Spread at 20minutes (mm): 390
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): 5.41
Heat Flux at 30 minutes – HF-30 (kW/m²): 4.36

Final Flame Spread Distance (mm): 505
Critical Heat Flux – CHF (kW/m²): 3.54

Extinguishing Time (s): 4424

Maximum Light Attenuation (%): 39.12
Integrated Smoke Value (%.min): 248.88



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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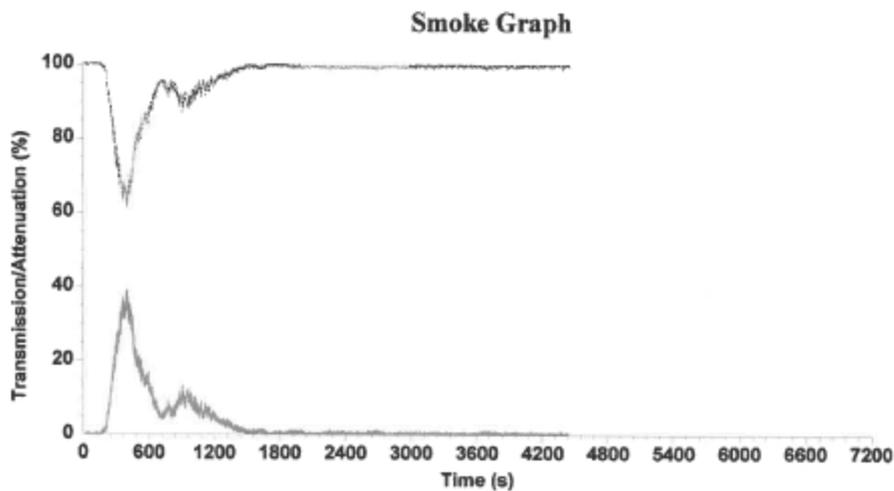
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Sample 3 Length

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Test name : LENGTH3
File name : C:\FRPSOFT\DATA\17090032.CSV