Independent Textile Testing Service, Inc.

PO Box 1948 - 1503 East Morris Street - Dalton, GA 30722
Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

Test Number: 154808-2

Test Report

Customer: Mannington Commercial April 16, 2015

Subject: Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-10 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

Style: Scaffold
Back: Infinity Modular

Test Assembly

Mounted on 6mm FRC Board
(Using Premium Multi Purpose Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.61 watts/cm^2	0.46 watts/cm^2	0.51 watts/cm^2
Total Burn Length	34.0 cm	42.0 cm	39.0 cm
Flame Front Out	29.0 minutes	35.0 minutes	31.0 minutes

Average Critical Radiant Flux	**0.53**	**watts/cm^2**
Estimated Standard Deviation	**0.08**	**watts/cm^2**
	14.5%	**coefficient of variation**

President L. Kent Suddeth

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Test Number: 154808-2

Test Report

Customer: Mannington Commercial April 16, 2015

Subject: Specimens of the submitted sample were prepared and tested in accordance with the procedures proposed by the National Institute of Standards and Technology (formerly National Bureau of Standards), Technical Note 708 and NFPA 258, ASTM E 662-06.

SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance:	2.5 watts/cm^2	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	99		
Burner Fuel:	Propane		

Sample Description

Style: Scaffold
Back: Infinity Modular

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H_2O			
Minimum Transmittance (TM), %	72%	55%	12%	
at, minutes	7.31	6.93	8.08	7.44
Maximum Specific Optical Density (DM)	283	298	254	278
Clear Beam, (DC)	42	42	43	42
DM, CORRECTED (DMC)	241	256	211	236
Specific Optical Density at 1.5 minutes	57	62	46	55
Specific Optical Density at 4.0 minutes	264	268	245	259
Time to 90% DM, minutes	4.34	4.78	3.45	4.19
Time to DS = 16, minutes	1.18	1.15	1.23	1.19

President L. Kent Suddeth