Test Number: 138764



PO Box 1948 - 1503 East Morris Street -

Dalton, GA 30722

Phone: 706-278-3013

Fax: 706-272-7057

E-mail: info@ittslab.com

Test Report

**Customer:** Mannington Commercial

June 26, 2013

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: Stock

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	0.67 watts/cm <sup>2</sup>	0.67 watts/cm <sup>2</sup>	0.73 watts/cm <sup>2</sup>	
Total Burn Length	32.0 cm	32.0 cm	29.0 cm	
Flame Front Out	15.0 minutes	15.0 minutes	15.0 minutes	

<b>Average Critical Radiant Flux</b>	0.69 watts/cm <sup>2</sup>
Estimated Standard Deviation	0.03 watts/cm <sup>2</sup>
	5.0% coefficient of variation

President L. Kent Suddeth

Our letters and reports are for the exclusive use of the customer to whom they are addressed, and their communication to any others or the use of the name of Independent Textile Testing Service, Inc., must receive out prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. The reports and letters and the name of Independent Textile Testing Service, Inc., are not to be used under any circumstances in advertising to the general public.



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# **SMOKE DENSITY TEST (NIST)**

#### **Operating Conditions**

Irradiance:

2.5 watts/cm<sup>2</sup>

**G** Factor

132

Thermal Exposure: Furnace Voltage:

Flaming 97

Burner Fuel:

Propane

#### **Sample Description**

Style: Stock

Back: Infinity Modular

### **Test Results**

Chamber Temperature, °F (start)

**Chamber Pressure** 

Minimum Transmittance (TM), %

at, minutes

Maximum Specific Optical Density (DM)

Clear Beam, (DC)

#### DM, CORRECTED (DMC)

Specific Optical Density at 1.5 minutes

Specific Optical Density at 4.0 minutes

Time to 90% DM, minutes

Time to DS = 16, minutes

#1	#2	#3	Average
95	95	95	
Mair	ntained positi	ve, under 3	" H <sub>2</sub> O

26%	10%	11%	
4.07	3.82	4.10	4.00
209	264	259	244
31	39	35	35
178	225	224	209
16	33	26	25
209	259	259	242
3.45	2.93	3.55	3.31
1.50	1.33	1.38	1.40

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