

Test Number: 154961

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

April 20, 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: Raffia

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	0.71	watts/cm <sup>2</sup>	0.58	watts/cm <sup>2</sup>	0.64	watts/cm <sup>2</sup>
Total Burn Length	30.0	cm	36.0	cm	33.0	cm
Flame Front Out	15.0	minutes	20.0	minutes	15.0	minutes

**Average Critical Radiant Flux** 

0.64 watts/cm<sup>2</sup>

**Estimated Standard Deviation** 

0.07 watts/cm<sup>2</sup>

10.1% coefficient of variation

Page 1 of 1

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.



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

April 20, 2015

Test Number: 154961

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<sup>2</sup>

G Factor

132

Thermal Exposure: Furnace Voltage:

Flaming

Burner Fuel:

99 Propane

**Sample Description** 

Style: Raffia

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	Averag
95	95	95	
Mair	ıtained positi	ve, under 3	" H <sub>2</sub> O

35%	38%	34%	
6.92	5.89	3.88	5.56
324	319	326	323
43	43	43	43
281	276	283	280
32	32	32	32
309	321	326	319
3.25	3.20	3.17	3.21
1.37	1.36	1.35	1.36

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.