Test Number: 123648



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

August 28, 2012

Subject: Specimens of the submitted sample were prepared and tested in accordance with

ASTM E 648-06 and/or Federal Test Method 372. NFPA 253

# **FLOORING RADIANT PANEL TEST**

## **Sample Description**

Style: Off Line Loop 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	0.79 watts/cm <sup>2</sup>	0.75 watts/cm <sup>2</sup>	0.79 watts/cm <sup>2</sup>
Total Burn Length	25.0 cm	27.0 cm	25.0 cm
Flame Front Out	15.0 minutes	15.0 minutes	15.0 minutes

Average Critical Radiant Flux	0.78	watts/cm <sup>2</sup>	
Estimated Standard Deviation	0.02	watts/cm <sup>2</sup>	

3.0% 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.



Test Number: 123648

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

August 28, 2012

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 100

Burner Fuel:

Propane

## **Sample Description**

Style: Off Line Loop 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	stained positive	under	2" ⊔ ∩

Walitanica positive, ander o 1120				
22%	21%	25%		
5.00	4.93	8.10	6.01	
483	485	475	481	
59	65	75	66	
424	420	400	415	
73	71	69	71	
416	429	435	427	
4.25	4.05	3.97	4.09	
1.10	1.13	1.10	1.11	

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.