

Test Number: 146769

PO Box 1948 - 1503 East Morris Street -

Dalton, GA 30722

Phone: 706-278-3013

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**Test Report** 

**Customer:** Mannington Commercial

August 14, 2014

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: Canopy II Back: Integra HP

## **Test Assembly**

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

Test Results	Spe	ecimen No. 1	Spe	ecimen No. 2	Spe	cimen No. 3
Critical Radiant Flux Total Burn Length	0.95 18.0	watts/cm <sup>2</sup> cm	0.99 16.0	watts/cm <sup>2</sup> cm	0.97 17.0	watts/cm <sup>2</sup> cm
Flame Front Out	13.0	minutes	12.0	minutes	12.0	minutes

Average Critical Radiant Flux	0.97	watts/cm <sup>2</sup>

0.02 watts/cm<sup>2</sup> **Estimated Standard Deviation** 

2.1% coefficient of variation

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Test Report

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August 14, 2014

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:

Flaming

Furnace Voltage:

101

**Burner Fuel:** 

Propane

## **Sample Description**

Style: Canopy II Back: Integra HP

#### **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		
	Maintain	ed positive, u	under 3" H	I <sub>2</sub> O	
1 4	15%	42%	45%		

45%	42%	45%	
6.07	6.20	6.27	6.18
442	446	442	443
55	60	59	58
387	386	383	385
117	113	109	113
410	406	405	407
3.70	3.63	3.60	3.64
0.92	0.96	0.97	0.95
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