

Test Number: 154808-2

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 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: Integra HP

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/cm²	0.46	watts/cm²	0.51	watts/cm²
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	Padiant	Eliz
AVERAGE	Carifficate	RACHARII	TILIX

0.53 watts/cm²

Estimated Standard Deviation

0.08 watts/cm²

14.5%

coefficient of variation

Kent Suddeth

Page 1 of 1



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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/cm²

G Factor

132

Thermal Exposure: Furnace Voltage:

Flaming 99

Burner Fuel:

Propane

Sample Description

Style: Scaffold

Back: Integra HP

Test Results

Chamber	Temperature.	٥F	(start)
	i cilibelatule.		ı Startı

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

		7	
#1	#2	#3	Average
95	95	95	
Main	itained positi	ve. under 3	" H₂O

72%	55%	12%			
7.31	6.93	8.08	7.44		
283	298	254	278		
42	42	43	42		
241	256	211	236		
57	62	46	55		
264	268	245	259		
4.34	4.78	3.45	4.19		
1.18	1.15	1.23	1.19		

Kent Suddeth