

Independent  Textile
Testing
Service, Inc.

Test Number: 156834

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

July 15, 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: Husk
Back: Integra HP

Test Assembly

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

<u>Test Results</u>	<u>Specimen No. 1</u>	<u>Specimen No. 2</u>	<u>Specimen No. 3</u>
Critical Radiant Flux	0.87 watts/cm ²	0.87 watts/cm ²	0.87 watts/cm ²
Total Burn Length	21.0 cm	21.0 cm	21.0 cm
Flame Front Out	15.0 minutes	15.0 minutes	15.0 minutes

Average Critical Radiant Flux 0.87 watts/cm²
Estimated Standard Deviation 0.00 watts/cm²
0.0% coefficient of variation



President L. Kent Suddeth

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

July 15, 2015

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 ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	102		
Burner Fuel:	Propane		

Sample Description

Style: Husk
 Back: Integra HP

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H ₂ O			
Minimum Transmittance (TM), %	12%	12%	71%	
at, minutes	4.87	6.37	4.75	5.33
Maximum Specific Optical Density (DM)	386	386	416	396
Clear Beam, (DC)	30	47	47	41
DM, CORRECTED (DMC)	356	339	369	355
Specific Optical Density at 1.5 minutes	132	145	154	144
Specific Optical Density at 4.0 minutes	373	362	410	382
Time to 90% DM, minutes	2.63	3.20	2.83	2.89
Time to DS = 16, minutes	0.90	0.85	0.88	0.88



 President L. Kent Suddeth