

PO Box 1948 - 1503 East Morris Street - Dalton, GA 30722
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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

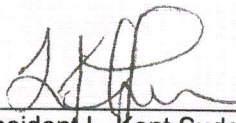
Style: Bark II
Back: Infinity Modular

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	0.74 watts/cm ²	0.80 watts/cm ²	0.74 watts/cm ²
Total Burn Length	28.0 cm	25.0 cm	28.0 cm
Flame Front Out	16.0 minutes	15.0 minutes	16.0 minutes

Average Critical Radiant Flux 0.76 watts/cm²
Estimated Standard Deviation 0.03 watts/cm²
4.6% coefficient of variation



President L. Kent Suddeth

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SMOKE DENSITY TEST (NIST)

Operating Conditions


Irradiance:	2.5 watts/cm ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	101		
Burner Fuel:	Propane		

Sample Description

Style: Bark II
 Back: Infinity Modular

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), %	98%	12%	60%	
at, minutes	3.71	3.75	3.62	3.69
Maximum Specific Optical Density (DM)	265	254	293	271
Clear Beam, (DC)	39	35	51	42
DM, CORRECTED (DMC)	226	219	242	229
Specific Optical Density at 1.5 minutes	23	23	22	23
Specific Optical Density at 4.0 minutes	259	249	291	266
Time to 90% DM, minutes	3.24	3.28	3.15	3.22
Time to DS = 16, minutes	1.40	1.40	1.40	1.40



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