

# Independent Textile Testing Service, Inc.

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 1, 2010

**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: Bark  
 Roll #: 260271  
 Back: Integra HP RE

#### 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>
<b>Critical Radiant Flux</b>	0.52 watts/cm <sup>2</sup>	0.54 watts/cm <sup>2</sup>	0.50 watts/cm <sup>2</sup>
<b>Total Burn Length</b>	39.0 cm	38.0 cm	40.0 cm
<b>Flame Front Out</b>	17.0 minutes	17.0 minutes	17.0 minutes

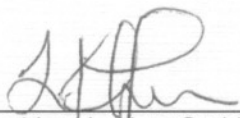
#### Average Critical Radiant Flux

**0.52 watts/cm<sup>2</sup>**

Estimated Standard Deviation

**0.02 watts/cm<sup>2</sup>**

**3.8% coefficient of variation**



President L. Kent Suddeth

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Test Report

**Customer:** Mannington Commercial

April 1, 2010

**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

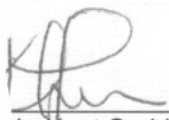
Irradiance: 2.5 watts/cm<sup>2</sup> G Factor 132  
 Thermal Exposure: Flaming  
 Furnace Voltage: 95  
 Burner Fuel: Propane

Sample Description

Style: Bark  
 Roll #: 260271  
 Back: Integra HP RE

Test Results

	#1	#2	#3	Average
Chamber Temperature, °F (start)	95	95	95	
Chamber Pressure	Maintained positive, under 3" H <sub>2</sub> O			
Minimum Transmittance (TM), %	76%	31%	40%	
minutes	4.35	8.13	5.37	5.95
Minimum Specific Optical Density (DM)	280	463	317	353
per Beam, (DC)	65	75	67	69
<b>CORRECTED (DMC)</b>	215	388	250	284
Specific Optical Density at 1.5 minutes	39	47	41	42
Specific Optical Density at 4.0 minutes	268	447	293	336
to 90% DM, minutes	3.83	3.70	3.67	3.73
to DS = 16, minutes	1.23	1.18	1.20	1.20



L. Kent Suddeth