Test Number: 105509-1



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**

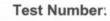
Mounted on 6mm FRC Board (Using Premium Multi Purpose Adhesive)

Test Results	Specimen No. 1		Specimen No. 2		Specimen No. 3	
Critical Radiant Flux	0.52	watts/cm <sup>2</sup>	0.54	watts/cm <sup>2</sup>	0.50	watts/cm <sup>2</sup>
Total Burn Length	39.0	cm	38.0	cm	40.0	cm
Flame Front Out	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

Our letters and reports are for the exclusive use of the customer to whom they are addressed, and their communication to any others or the use of the name of Independent Textile Testing Service, Inc., must receive out prior written approval. Our letters and reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products. The reports and letters and the name of Independent Textile Testing Service, Inc., are not to be used under any circumstances in advertising to the general public.





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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: Furnace Voltage:

Flaming 95

Burner Fuel:

Propane

## Sample Description

Style: Bark Roll #: 260271

Back: Integra HP RE

### est Results

namber Temperature, °F (start)
namber Pressure
nimum Transmittance (TM), %
minutes
rimum Specific Optical Density (DM)
r Beam, (DC)
CORRECTED (DMC)
ific Optical Density at 1.5 minutes
fic Optical Density at 4.0 minutes

#1		#2	#3	Average						
	95	95	95							
	Maintained positive, under 3" H <sub>2</sub> O									
	76%	31%	40%							
	4.35	8.13	5.37	5.95						
	280	463	317	353						
	65	75	67	69						
	215	388	250	284						
	39	47	41	42						
	268	447	293	336						
	3.83	3.70	3.67	3.73						
	1.23	1.18	1.20	1.20						

Kent Suddeth

o 90% DM, minutes DS = 16, minutes

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