

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: Square Berry
 Roll #: 260271
 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	0.52 watts/cm ²	0.54 watts/cm ²	0.50 watts/cm ²
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/cm²**

Estimated Standard Deviation **0.02 watts/cm²**

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

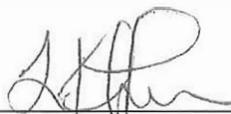
Irradiance: 2.5 watts/cm² G Factor 132
 Thermal Exposure: Flaming
 Furnace Voltage: 95
 Burner Fuel: Propane

Sample Description

Style: Square Berry
 Roll #: 260271
 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), %	76%	31%	40%	
at, minutes	4.35	8.13	5.37	5.95
Maximum Specific Optical Density (DM)	280	463	317	353
Clear Beam, (DC)	65	75	67	69
DM, CORRECTED (DMC)	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
Time to 90% DM, minutes	3.83	3.70	3.67	3.73
Time to DS = 16, minutes	1.23	1.18	1.20	1.20



President L. Kent Suddeth