

TEST REPORT

CLIENT:

Company:	Mannington Commercial	Report Number:	70112A-01
Address:	PO Box 12281	Lab Test Numbers:	2890-1488
	Calhoun, GA 30703-7004	Test Completion Date:	2/17/2017
		Report Date:	3/1/2017
Requested By:	Ragan Hayes	Page:	1 of 1

TEST MATERIAL:

Material Type:	Carpet	Carpet Date Received:				
Material Condition:	EXCELLENT:	XXX	GOOD:	POOR:	REJE	CTED:
Style:	Fitzgerald				- Lumanusanoma	
Backing:	Integra HP					

TESTING METHODS REQUESTED:

TEOTING METHODO REGOLOTED.	
Testing Services Inc. was instructed by the client to test for the following	Mahada binang katawa
Standard: ASTM E648, NFPA 253 Test Method: Standard Test Method for Critical Radiant Flux of	f Floor Covering Systems Using a
Januaru. ASTIVI L040, INFRA 233 Test Metriou. Standard Test Metriou for Chilical National Critical National Critic	i ribbi covering systems using a
ETM 0411-270	
FTM Standard 372 Radiant Heat Energy Source	

SAMPLING PLAN:

Sampling	Date:	2/2/2017

- Specimen sampling is performed in the sampling department at TSI beside the ground level dock door.
- The sampling size of specimens is determined by the test method requirements.
- . In the event a specific sampling size is not called for, a determination will be made based on previous testing experience, and approved for use by an authorized manager.
- All samples are subjected to the outside environmental conditions of temperature and relative humidly.
- . Sample requiring pre-determined exposure to specified environmental conditions based on a specific test method, take place in the departments in which they are tested

DEVIATION FROM TEST METHOD:

State reason for any Deviation from, Additions to, or Exclusions From Test Method. None

TEST SCOPE:

This test method measures the critical radiant flux of horizontally mounted floor-covering systems exposed to a flaming ignition source positioned on a graded radiant heat energy environment within an enclosed chamber. The results are designed to provide a basis for estimating one aspect of fire behavior of a flooring system.

TEST SUMMARY:

TEST METHOD	TEST DESCRIPTION		TEST RESULT		
		La Granda Gala	Burn Distance	Time to Flame Out	Critical Radiant Flux
ASTM E648-15e1	Critical Radiant Flux	Specimen #1	39.5 cm	43:55 min	0.53 W/m²
		Specimen #2	44.5 cm	43:19 min	0.45 W/m ²
		Specimen #3	45.0 cm	50:10 min	0.44 W/m ²
		Average		0.47 W/m²	(1) 10 10 10 10 10 10 10 10 10 10 10 10 10
	NFPA Classification			Class I	
	STDEV			0.05	
	COF of Variation	PARINT AND		10.44 %	
averties December Outstand Office to December	A 10 - C - Lata and		T 1 4 /011	V 4 10 11 V 4 10 11 1 1 1 1 1 1	

Mounting Board: Calcium Silicate Board Conditioning: 96 hours @ 70°F 50% RH

Adhesive: Integra Calibration Curve: 355L Trowel: 1/8" X 1/8" X 1/8" U Notch Radiometer #: 5356

Uncertainty:

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information to us using the latest test methods available.

TSI can only ensure the test results for the specific items tested.

Unless otherwise noted in the deviations sections of this report, all tests performed are in compliance with stated test method.

Test Report Approval:

Erle Miles, III, Lab Director, Testing Services Inc

TSi Accreditation: Our laboratory is accredited by the US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005.

Our code # is: NVLAP 100108-0.

Form:	Rev:	Revision Date:	Page 1 of 1			
Release Date:		Control Type: Electronic – Expires 24 hours after this date: Sep. 6, 17				
		Printed copies are unco	introlled			

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS. THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, INC. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. OUR REPORTS, LETTERS, NAME, SEALS, OR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC.

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TEST MATERIAL:

Material Type:	Carpet	Carpet Date Received:			e Received: 2/2/2017	
Material Condition:	EXCELLENT:	XXX	GOOD:	POOR:	REJECTED:	
Style:	Fitzgerald					
Backing:	Integra HP					

TESTING METHODS REQUESTED:

Testing Services Inc. was instructed by the client to test for the following					
Standard:	ASTM E662	Test Method:	Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials		

SAMPLING PLAN:

Sampling Date: 2/2/2017

- Specimen sampling is performed in the sampling department at TSI beside the ground level dock door.
- The sampling size of specimens is determined by the test method requirements.
- In the event a specific sampling size is not called for, a determination will be made based on previous testing experience, and approved for use by an authorized manager.
- All samples are subjected to the outside environmental conditions of temperature and relative humidly.
- Sample requiring pre-determined exposure to specified environmental conditions based on a specific test method, take place in the departments in which they are tested

DEVIATION FROM TEST METHOD:

State reason for any Deviation from, Additions to, or Exclusions From Test Method.	
None	

TEST SUMMARY:

	AVERAGE FLAMING MODE
Time to Attain (Minutes)	8.0
Specific Optical Density (DS) @ 1.5 Min	42
Specific Optical Density (DS) @ 4.0 Min	368
Maximum Specific Optical Density (DM)	475
Clear Beam (DC)	34
Corrected (DMC)	441
equirements: < 450 DMC	JYC: < 300 @ 4 Minutes Irradiance: 2.5 W/cm ²

Uncertainty:

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Furnace Voltage: 117v

Unless otherwise noted in the deviations sections of this report, all tests performed are in compliance with stated test method.

Test Report Approval:

Radiometer Output: 8.1 mv

Erle Miles, III, Lab Director, Testing Services Inc

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Our code # is: NVLAP 100108-0.

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Pressure: Positive Under 3" Water