

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: CurranFLOOR/SisalCapet.com

October 4, 2017

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 662-15a.

SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance: 2.5 watts/cm² G Factor 132
 Thermal Exposure: Flaming
 Furnace Voltage: 103
 Burner Fuel: Propane

Sample Description

Sisal Tile
 Color: 7051
 Back: PVC

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), %	37%	32%	39%	
at, minutes	5.59	5.42	5.68	5.56
Maximum Specific Optical Density (DM)	189	197	186	191
Clear Beam, (DC)	40	41	40	40
DM, CORRECTED (DMC)	149	156	146	150
Specific Optical Density at 1.5 minutes	1	3	1	2
Specific Optical Density at 4.0 minutes	158	179	148	162
Time to 90% DM, minutes	4.41	3.97	4.63	4.34
Time to DS = 16, minutes	1.98	1.83	2.05	1.95



 President L. Kent Suddeth

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SMOKE DENSITY TEST (NIST)

Operating Conditions

Irradiance: 2.5 watts/cm² G Factor 132
 Thermal Exposure: Non-flaming
 Furnace Voltage: 102
 Burner Fuel: --

Sample Description

Sisal Tile
 Color: 7051
 Back: PVC

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), %	58%	58%	60%	
at, minutes	20.00	18.37	20.00	19.46
Maximum Specific Optical Density (DM)	691	691	689	690
Clear Beam, (DC)	5	4	4	4
DM, CORRECTED (DMC)	686	687	685	686
Specific Optical Density at 1.5 minutes	1	1	1	1
Specific Optical Density at 4.0 minutes	27	30	27	28
Time to 90% DM, minutes	11.40	11.00	11.13	11.18
Time to DS = 16, minutes	3.63	3.57	3.59	3.60



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Independent Textile Testing Service, Inc.

Test No: 173809

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Test Report

Customer: CurranFLOOR/SisalCarpet.com

October 4, 2017

Subject: Sample(s) of tile submitted for testing by the customer and identified below:

Sample Identification: Sisal Tile
 Color: 7051
 Back: PVC

Test Method Conducted
AATCC Test Method 16.3
Colorfastness to Light (Water-Cooled Xenon Arc)

Purpose and Scope

This test method provides the general principles and procedures which are currently in use for determining the colorfastness, to light of textile materials.

Procedure

Samples of the textile material to be tested and the agreed upon comparison standard(s) are exposed simultaneously to a light source under specified conditions. The colorfastness to light of the specimen is evaluated by comparison of the color change of the exposed portion to the masked or control portion of the test specimen using the AATCC Gray Scale for Color Change or by instrumental color measurement.

Test Specimen Identification	Number of Cycles	Rating
See Above	2 (40 AFU's)	2-3

Key to Ratings	
5	Negligible or no change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

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Customer: CurranFLOOR/SisalCarpet.com

Test Report

October 4, 2017

Subject: Sample(s) of carpet submitted for testing by the customer and identified below:

Sample Identification: Sisal Tile
Color: 7051
Back: PVC

Test Method Conducted
ASTM D7570
Standard Test Method for Evaluation of Dimensional Stability of Pile Yarn Floor Covering
(AACHEN/ISO2551)

Purpose and Scope

This test method covers the determination of dimensional changes in the lengthwise and widthwise direction and distortion likely to occur when pile floor coverings are exposed to various conditions of moisture and heat.

Test Condition	Measurement	Percent Change
M₀	19.7550	
MT₁	19.7450	-0.051
MT₂	19.4600	-1.493
MT₃	19.5463	-1.057
MT₄	19.7338	-0.108 -0.0213"

Test Condition Key

- M₀** Machine Direction Original Measurement
- C₀** Cross Direction Original Measurement
- T₁** Two (2) hours in an oven at 60° C
- T₂** Two (2) hours in a .1% solution at 20° C
- T₃** Twenty-four (24) hours in an oven at 60° C
- T₄** Forty-eight (48) hours in standard climate at 21° C & 65% RH

Test Condition	Measurement	Percent Change
C₀	19.7500	
CT₁	19.7538	+0.019
CT₂	19.6800	-0.354
CT₃	19.6900	-0.304
CT₄	19.6300	-0.608 -0.1200"

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October 4, 2017

Subject: Sample(s) of carpet submitted for testing by the Customer and identified below:

Sample Identification: Sisal Tile
Color: 7051
Back: PVC

Test Method Conducted
ASTM D-5252 Hexapod Drum Tester
ISO/TR 10361 Hexapod Tumbler
Ratings Based on CRI TM-101 Photographic Scales
ASTM D-7330 Assessment of Surface Appearance Change in Pile Floor Coverings

APPARATUS: WIRA INSTRUMENTATION HEXAPOD TUMBLER CARPET TESTER

PROCEDURE:

The test specimen described above was subjected to the reported cycles of "Hexapod" tumbling, removing the specimen every 2,000 cycles for restoration by vacuuming.

A 6.7 Amp Shark handheld vacuum w/rotary brush was used, making four (4) forward and backward passes along the length of the specimen.

The samples were assessed using day-light equivalent vertical lighting (1500 lux). Samples were viewed at an angle of 45 degrees from 1½ meter distance, judging from all directions.

TEST RESULTS:

NUMBER OF HEXAPOD CYCLES	OVERALL APPEARANCE CHANGE
12,000	4.5

Key to Ratings
5 = Negligible or no change
4 = Slight change
3 = Moderate change
2 = Considerable change
1 = Severe change


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Test Report

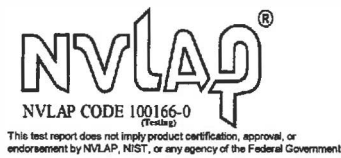
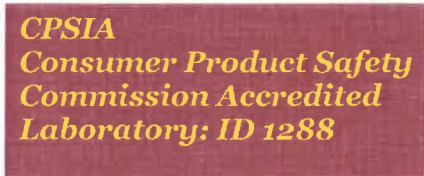
Customer: CurranFLOOR/SisalCarpet.com

October 4, 2017 **Subject:** "Consumer Product Safety Commission (CPSC) FF 1-70"
"16 CFR 1630"
"ASTM D 2859-96"
"Consumer Product Safety Improvement Act"

Scope: This test method covers the determination of the flammability of finished textile floor covering materials when exposed to an ignition source under controlled laboratory conditions. It is applicable to all types of textile floor coverings regardless of the method of fabrication or whether they are made from natural or man-made fibers.

FLAMMABILITY TEST REPORT

STYLE	COLOR	ROLL	TESTED	PASSED
Sisal Tile Back: PVC	7051	--	8	8



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Color: 7051
Back: PVC

Test Method Conducted ITTS – 205 Roll Chair Testing
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Purpose and Scope

This test method is designed to measure the appearance retention of carpet when exposed to roll chair (office chair) exposure.

Procedure

A specimen of the sample was installed on a wood substrate and exposed to the reciprocating action of an office chair, loaded with 150 pounds, impelled at approximately 14 cycles per minute. The specimen was exposed to the indicted number of cycles and rated in accordance to the scale below.

Rating	Appearance of Carpet in Caster Traffic Region
5 - Excellent	Negligible or no change
4 - Good	Slight change in appearance, due more to disturbance of the pile than to matting. Visible change.
3 - Fair	Noticeable change in appearance. Some matting of the pile.
2 - Poor	Considerable change in appearance. Pile yarns either disturbed or packed and matted.
1 - Very Poor	Severe change in appearance. Pile yarns packed with severe crushing.

Comments

Number of Cycles
25,000

Rating
2.5



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