

FIRE-SAFE SURFACES

SKIRTING REPORT - 100% Polyester

PASSES THE NFPA® 701-2010 TEST# 1 FOR FLAME RESISTANCE

POLYDECK REPORT

All Panels conform to requirements of APA PS1-09

**FLAME
RESISTANCE**



Carpet Specifications

Construction	Textured Loop
Backing	Woven Polypropylene
Dye Method	Solution dyed
Fiber Type	Apex SDP® Polyester
Fiber Weight	20 oz.
Pile Density	6786
Product Size	12'
Gauge	1/10
TARR	3.0

Specifications & Tests

Pill Test	Passes
Flooring Radiant Panel	Class 1 (ASTM E-648)
Indoor Air Quality	GLP 9986
Smoke Density	Less than 450 (ASTM E-662)
Static Test	Less than 3.5 kv (AATCC-134)
Lighfastness	Passes



Pill Test

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

Consumer Product Safety Commission
(CPSC) FF 1-70

16 CFR 1630

ASTM D 2859-16

Consumer Product Safety
Improvement Act

FLAMMABILITY TEST REPORT

APPROVED or EXCEEDS
Federal Flammability Standard CPSC FF 1-70

Flooring Radiant Panel Test

This test method evaluates the propensity of a floor system to spread fire when exposed to intense radiant heat. Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-17 and/or Federal Test Method 372. NFPA 253.

Test Results

Average Critical Radian Flux
0,73 watts/cm²

Estimated Standard Deviation
0,01 watts/cm²

1.6% coefficient of variation

RADIANT PANNEL TEST REPORT

CLASS 1 (ASTM E-648)

Smoke Density Test

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.

Test Results

Specific Optical Density at 1.5 minutes
138

Specific Optical Density at 4.0 minutes
156

Maximum Specific Optical Density - DM
165

DM, CORRECTED - DMC
147

SMOKE DENSITY TEST REPORT

LESS THAN 450 (ASTM E-662)

ISO/IEC 17025 Certified Third Party Test Report

FILE: PECATA.A082515A

TEST PROCEDURE:

TEST RESULTS:

NATIONAL FIRE PROTECTION ASSOCIATION 701-2010 TEST 1

	AFTER-FLAME *****	DRIP BURN *****	WEIGHT LOSS *****		
LENGTH:	0.0 Seconds	3.0 Seconds	23.34%		
LENGTH:	0.0 Seconds	0.0 Seconds	18.45%		
LENGTH:	0.0 Seconds	0.0 Seconds	21.89%		
LENGTH:	0.0 Seconds	0.0 Seconds	20.98%		
LENGTH:	22.0 Seconds	0.0 Seconds	30.48%	Std Dev:	3.75%
LENGTH:	0.0 Seconds	0.0 Seconds	26.29%	3 Std Dev:	11.26%
LENGTH:	0.0 Seconds	0.0 Seconds	18.64%		
LENGTH:	0.0 Seconds	3.0 Seconds	20.48%	3 Std Dev + Mean:	33.60%
LENGTH:	0.0 Seconds	0.0 Seconds	23.43%		
LENGTH:	<u>0.0 Seconds</u>	<u>0.0 Seconds</u>	<u>19.44%</u>		
	2.2 Seconds	0.6 Seconds	22.34%		

TEST RESULT: Pass

6-1 CALCULATION OF PERCENT WEIGHT LOSS:

6-1.1 The percent weight loss of each specimen shall be determined by the following equation:

$$\frac{(\text{Weight before test} - \text{Weight after test})}{(\text{Weight before test})} \times 100 = \text{Percent weight loss}$$

The percent weight loss shall be recorded.

6-1.2 The mean percent weight loss and the standard deviation for the sample consisting of 10 specimens shall be calculated.

6-1 CALCULATION OF PERCENT WEIGHT LOSS:

6-1.3 Where the percent weight loss of any individual specimen exceeds the mean value plus three standard deviations, the test shall be repeated on another sample of 10 specimens. The mean percent weight loss and standard deviation for the second set of 10 specimens shall be calculated.

ISO/IEC 17025 Certified Third Party Test Report

FILE: PECATA.A082515A
SAMPLE IDENTIFIED BY CLIENT AS:
Fabric Submitted

7-1 PERFORMANCE CRITERIA:

- 7-1.1 Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing test 1.
- 7-1.2 Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing the test.
- 7-1.3 Where the percent weight loss of any individual specimen in the second set of specimens exceeds the mean value of the second set plus three standard deviations calculated for the second set, the material shall be recorded as failing this test.
- 7-1.4 Where the specimens do not demonstrate performance in accordance with any of the conditions indicated in 7-1.1 through 7-1.3, the material shall be recorded as passing this test and shall be designated as flame resistant.

Signed For The Company By


Adam R. Varley
Technical Director

JG/08/484




Stacy Sadowy
Quality Assurance Supervisor

Independent Textile Testing Service, Inc.

Test Number: 239023

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

Subject: "Consumer Product Safety Commission (CPSC) FF 1-70"
"16 CFR 1630"
"ASTM D 2859-16"
"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.

Sample ID: Style #: 3058B
Roll #: 74618558
Backing: Action Bac
Request #: 2564A

FLAMMABILITY TEST REPORT

Specimen	Uncharred Area (inches)	Pass/Fail
1	3.5	Pass
2	3.5	Pass
3	3.5	Pass
4	3.5	Pass
5	3.5	Pass
6	3.5	Pass
7	3.5	Pass
8	3.5	Pass

CPSIA
Consumer Product Safety
Commission Accredited
Laboratory: ID 1288



APPROVED
MEETS OR EXCEEDS
FEDERAL FLAMMABILITY
STANDARD CPSC FF 1-70


President L. Kent Suddeth



Test Number: 239023

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

Subject: Specimens of the submitted sample were prepared and tested in accordance with ASTM E 648-17 and/or Federal Test Method 372. NFPA 253

FLOORING RADIANT PANEL TEST

Sample Description

Style #: 3058B
Roll #: 74618558
Backing: Action Bac
Request #: 2564A

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	0.72 watts/cm ²	0.72 watts/cm ²	0.74 watts/cm ²
Total Burn Length	28.0 cm	28.0 cm	27.0 cm
Flame Front Out	15.0 minutes	14.0 minutes	13.0 minutes

Average Critical Radiant Flux

0.73 watts/cm²

Estimated Standard Deviation

0.01 watts/cm²

1.6% coefficient of variation

A handwritten signature in black ink, appearing to read "L. Kent Suddeth", is written over a horizontal line.

President L. Kent Suddeth

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

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/cm ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Setting:	1462		
Burner Fuel:	Propane		

Sample Description

Style #: 3058B
Roll #: 74618558
Backing: Action Bac
Request #: 2564A

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), %	66%	46%	59%	
at, minutes	4.42	6.55	6.58	5.85
Maximum Specific Optical Density (DM)	156	177	162	165
Clear Beam, (DC)	16	19	18	18
DM, CORRECTED (DMC)	140	158	144	147
Specific Optical Density at 1.5 minutes	134	152	127	138
Specific Optical Density at 4.0 minutes	154	167	147	156
Time to 90% DM, minutes	1.68	3.18	3.92	2.93
Time to DS = 16, minutes	0.68	0.63	0.65	0.66



President L. Kent Suddeth

CERTIFICATE OF FLAME RESISTANCE

NPS POLYESTER STAGE SKIRTING

100% Polyester

PASSES THE NFPA 701-2010 TEST# 1 FOR FLAME RESISTANCE

Product Description

“Potlatch Precision-Core CCPTS”

Species: Slow growth Inland Douglas Fir and Larch. Group1, Struc1

Face: Fully-repaired, tight knot C-Plugged. Allows solid knots up to 1-1/2” in diameter.

All Splits over 1/16” are filled. Full sand face.

Core: 100% 1 piece “Precision Core” composed “C” grade veneer. Virtually eliminates core voids and core laps.

*Option for Solid Core “B” grade veneer

Back: Tight “C” grade

Exposure Rating: Exterior

Constructions:

1/4"	(.219-.281)	3-ply
11/32"	(.312-.375)	3-ply
15/32"	(.437-.500)	4-ply
19/32"	(.562-.625)	5-ply
23/32"	(.687-.750)	7-ply
31/32"	(.950-1.05)	9-ply
1"	(.950-1.05)	9-ply

Sizes: Solid panels: 4’x8’ to 49”x102”

Scarfed panels: 4’x9’, 4’x10’ (longer panels available with un-sanded scarf-joint)

Moisture Content: 6%-12% at mill

All Panels conform to requirements of APA PS1-09