

Independent Textile Testing Service, Inc.

Test Number: 124027

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: Karndean International

September 13, 2012

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
Van Gogh, 41T / Art Select AP02	-	-	8	8



 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 our 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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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

Van Gogh, 41T / Art Select AP02

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	0.93 watts/cm ²	0.91 watts/cm ²	0.93 watts/cm ²
Total Burn Length	18.0 cm	19.0 cm	18.0 cm
Flame Front Out	10.0 minutes	10.0 minutes	10.0 minutes

Average Critical Radiant Flux **0.92 watts/cm²**

Estimated Standard Deviation **0.01 watts/cm²**

1.3% coefficient of variation



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Test Report

Customer: Karndean International

September 13, 2012

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 ²	G Factor	132
Thermal Exposure:	Flaming		
Furnace Voltage:	100		
Burner Fuel:	Propane		

Sample Description

Van Gogh, 41T/ Art Select AP02

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), % at, minutes	73%	82%	33%	
	5.38	5.75	4.72	5.28
Maximum Specific Optical Density (DM) Clear Beam, (DC)	414	407	460	427
	20	17	20	19
DM, CORRECTED (DMC)	394	390	440	408
Specific Optical Density at 1.5 minutes	164	132	179	158
Specific Optical Density at 4.0 minutes	362	331	422	372
Time to 90% DM, minutes	4.25	4.52	3.87	4.21
Time to DS = 16, minutes	0.58	0.58	0.52	0.56



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SMOKE DENSITY TEST (NIST)

Operating Conditions


Irradiance:	2.5 watts/cm ²	G Factor	132
Thermal Exposure:	Non-flaming		
Furnace Voltage:	100		
Burner Fuel:	--		

Sample Description

Van Gogh, 41T / Art Select AP02

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), % at, minutes	10%	27%	16%	
	13.63	15.15	15.78	14.85
Maximum Specific Optical Density (DM) Clear Beam, (DC)	396	339	369	368
DM, CORRECTED (DMC)	3	2	3	3
Specific Optical Density at 1.5 minutes	393	337	366	365
Specific Optical Density at 4.0 minutes	3	3	4	3
Time to 90% DM, minutes	102	92	122	105
Time to DS = 16, minutes	9.38	10.68	11.30	10.45
	1.90	1.83	1.75	1.83



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