



Standard
CARPETS

Nylon

Series

تائیدیه‌های سری نایلون

Laboratory standards
and certifications

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 [Kiliet.co](https://www.kiliet.co)

 info@kiliet.com



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Laboratory Standards & Certifications

استاندارد جذب صدا

Impact sound insulation

استاندارد تمایل به کثیفی

Soiling propensity

استاندارد تغییر رنگ

Color Fastness

استاندارد تغییر ابعاد

dimensional Stability

استاندارد تاثیر بر صدا

Sound absorption level

استاندارد آنتی استاتیک

Static Propensity

استاندارد مقاومت حرارتی

Thermal resistance

استاندارد نور تابشی

Critical Radiant Flux

استاندارد واکنش به آتش

Reaction to fire

استاندارد محیط زیست

VOC Emission

استاندارد صندلی چرخدار

Castor chair

استاندارد شعله وری

Flammeability

Independent Textile TtJffllf

Service, Inc.

Test No: 193590

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: Standard Carpets Ind. LLC

January 7, 2019

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

Identification: Quality Name: 100% Solution Dyed Nylon Carpet Tile with PVC Backing

Test Method Conducted
AATCC 134-2011
Electrostatic Propensity of Carpets

Purpose and Scope

This test method is designed to assess the static generating propensity of carpets developed when a person walks across them by controlled laboratory simulation of conditions which may be met in practice, and more particularly, with respect to those conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

Test Conditions:

Chamber Temperature: 70° F.

Chamber Relative Humidity: 20%

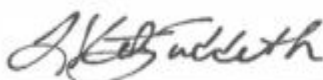
Test Results:	Sole	Underlay	Maximum Voltage 1 (kV)	Maximum Voltage 2 (kV)	Averages (kV)
Test I Step Test	Neolite	Plate	Neg. 0.6	Neg. 1.0	Neg. 0.8
Test II Scuff Test	Neolite	Plate	Neg. 5.8	Neg. 5.9	Neg. 5.9
Test III Step Test	Leather	Plate	Neg. 0.2	—	—
Test IV Scuff Test	Leather	Plate	Neg. 0.5	—	—

Soles:

- a) Neolite XS 664
- b) Suede Leather

Underlayment:

- a) Plate: Earth grounded metal plate
- b) H/J: Standard 40 oz./yd² rubberized Hair/Jute cushion



President L. Kent Suddeth

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Standard Carpets

**REPORT**

3933 US ROUTE 11 CORTLAND, NEW YORK 13045

Order No. 103787338

Date: January 7, 2019

REPORT NO. 103787338CRT-001a

IMPACT SOUND TRANSMISSION TEST ON
ITTS TEST NUMBER 182893
STANDARD CARPETS IND. L. L. C.
OVER A SIX INCH CONCRETE SLAB

RENDERED TO

INDEPENDENT TEXTILE TESTING
PO BOX 1948
1503 MURRAY AVENUE
DALTON, GA 30722-1948

INTRODUCTION

This report gives the result of an Impact Sound Transmission test on flooring. The sample was selected and supplied by the client and received at the laboratories on January 4, 2019. The material appeared to be in new, unused condition upon arrival.

AUTHORIZATION

Signed Intertek Quotation No. Qu-00932024

TEST METHOD

The floor system was tested in general accordance with the American Society for Testing and Materials designation ASTM E492-09 (Reapproved 2016), "Standard Test Method for Laboratory Measurement of Impact Sound Transmission through Floor-Ceiling Assemblies Using the Tapping Machine". It was classified in accordance with ASTM E989-06 (Reapproved 2012), entitled, "Standard Classification for Determination of Impact Insulation Class (IIC)".

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GENERAL

The test method is designed to measure the impact sound transmission performance of a floor-ceiling assembly, in a controlled laboratory environment. A standard tapping machine (Bruel & Kjaer Type 3207) was placed at four positions on the test floor that forms the horizontal separation between two rooms, one directly above the other. The data obtained was normalized to a reference room absorption of 10 square meters in accordance with the test method.

The standard also prescribes a single-figure classification rating called "Impact Insulation Class, IIC" which can be used by architects, builders and code authorities for acoustical design purposes in building construction.

The IIC is obtained by matching a standard reference contour to the plotted normalized one-third octave band sound pressure levels at each test frequency. The greater the IIC rating, the lower the impact sound transmission through the floor-ceiling assembly.

DESCRIPTION OF THE FLOOR/CEILING ASSEMBLY

The floor system consisted of a six inch thick concrete slab that forms the horizontal separation between two rooms. The slab is not isolated from the receiving room walls.

DESCRIPTION OF TEST SPECIMEN

ITTS Test No. 182893

Standard Carpets Ind. L. L. C.

Style: Nylon Broadloom with SBR Latex Backing

Construction: Level Cut Loop (LCL)

The flooring weighed 0.437 lbs./ft².



RESULTS OF TEST

The data obtained in the room below the panel normalized to $A_0 = 10$ square meters, is as follows:

ITTS TEST NUMBER 182893 STANDARD CARPETS IND. L. L. C.	
1/3 Octave Band Center Frequency <u>Hertz</u>	1/3 Octave Band Sound Pressure Level dB re 0.0002 Microbar
100	58
125	57
160	57
200	53
250	49
315	46
400	39
500	35
630	30
800	25
1000	21
1250	19
1600	17
2000	18
2500	16
3150	15
Impact Insulation Class (IIC)	62

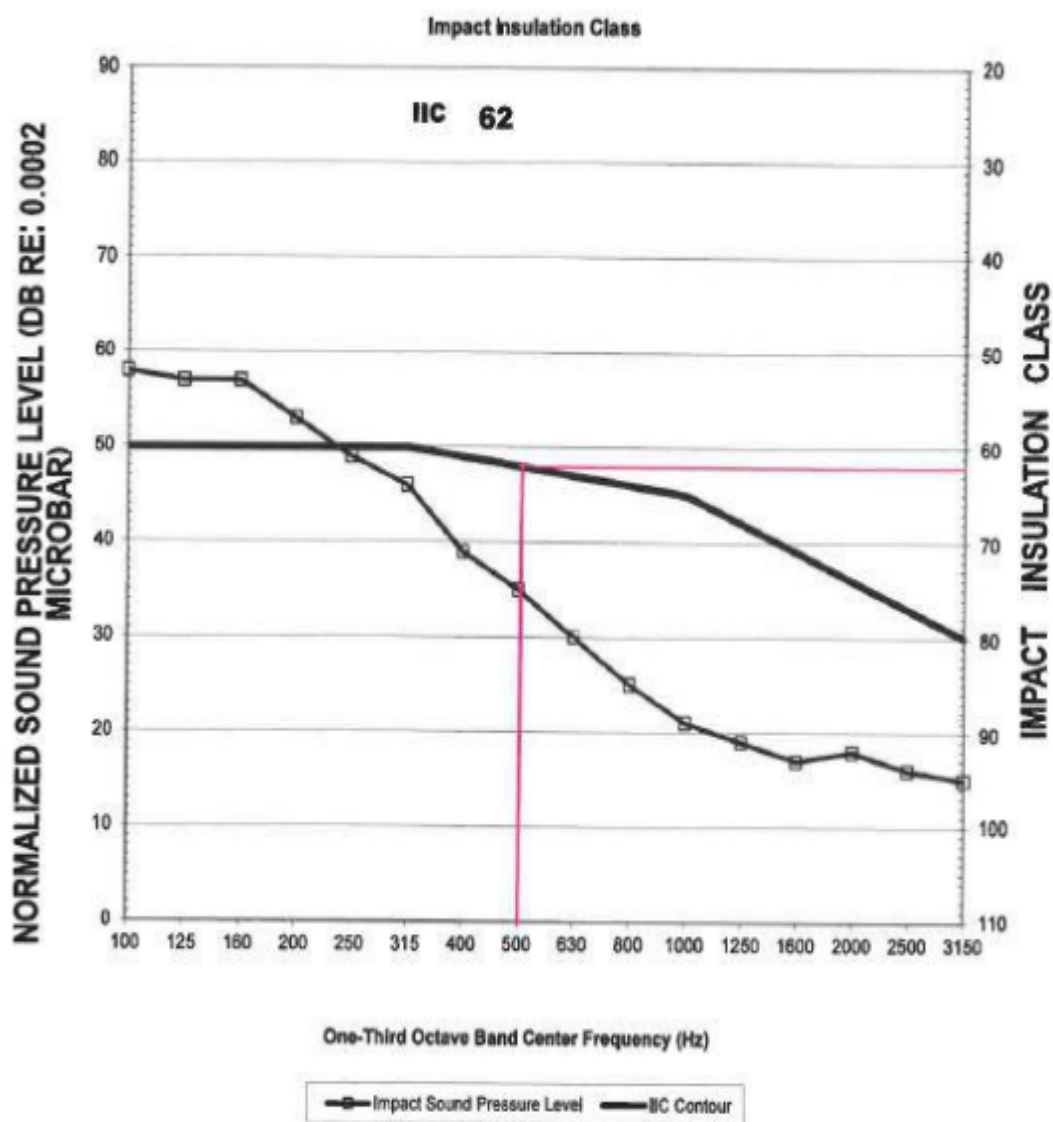
PRECISION

The 95% uncertainty level for each tapping machine location is less than 3 dB for the 1/3 octave bands centered in the range from 100 to 400 Hz and less than 2.5 dB for the bands centered in the range from 500 to 3150 Hz.

For the floor/ceiling construction, the 95% uncertainty limits (ΔL_n) for the normalized sound pressure levels were determined to be less than 2 dB for the 1/3 octave bands centered in the range from 100 to 3150 Hz.

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ITTS TEST NUMBER 182893
STANDARD CARPETS IND. L. L. C.
OVER A SIX INCH CONCRETE SLAB



INDEPENDENT TEXTILE TESTING

**REMARKS**

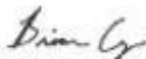
1. Ambient Temperature: 68°F
2. Relative Humidity: 35%

CONCLUSION

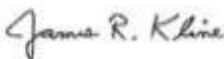
The test method employed for this test has no pass-fail criteria; therefore, the evaluation of the test results is left to the discretion of the client.

Date of Test: January 7, 2019

Report Approved by:


Brian Cyr
Engineer
Acoustical Testing

Report Reviewed By:


James R. Kline
Engineer/Quality Supervisor
Acoustical Testing

Attachments: None

**REPORT**

3933 US ROUTE 11 CORTLAND, NEW YORK 13045

Order No. 103787338

Date: January 7, 2019

REPORT NO. 103787338CRT-001b**IMPACT SOUND TRANSMISSION TEST ON
ITTS TEST NUMBER 182893
STANDARD CARPETS IND. L. L. C.
OVER A SIX INCH CONCRETE SLAB****RENDERED TO****INDEPENDENT TEXTILE TESTING
PO BOX 1948
1503 MURRAY AVENUE
DALTON, GA 30722-1948****INTRODUCTION**

This report gives the result of an Impact Sound Transmission test on flooring. The sample was selected and supplied by the client and received at the laboratories on January 4, 2019. The material appeared to be in new, unused condition upon arrival.

AUTHORIZATION

Signed Intertek Quotation No. Qu-00932024

TEST METHOD

The specimen was tested in general accordance with the American Society for Testing and Materials designation ASTM E2179-09 (Reapproved 2016), "Standard Test Method for Laboratory Measurement of the Effectiveness of Floor Coverings in Reducing Impact Sound Transmission Through Concrete Floors".

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TEST METHOD – Cont'd

Two vertically adjacent rooms are used: the upper one being designated the source room and the lower one the receiving room (10,000 ft³). A standard concrete floor is installed in an opening between them. The rooms and the floor installation are designed so the only significant sound radiation into the receiving room is from the standard concrete floor.

A standard tapping machine is placed and activated on the standard concrete floor and the impact sound pressure levels are measured in the room below. The floor covering to be evaluated is then placed on the standard concrete floor and the impact sound pressure levels measured again.

The differences in impact sound pressure level are used to calculate two single number ratings. The first is an IIC rating calculated for the covering installed on the reference concrete floor. The second rating, Δ IIC, represents the calculated reduction in IIC when the covering is placed on the reference concrete floor, that is the improvement in IIC due to the covering.

DESCRIPTION OF THE FLOOR/CEILING ASSEMBLY

The floor system consisted of a six inch thick concrete slab that forms the horizontal separation between two rooms. The slab is not isolated from the receiving room walls.

DESCRIPTION OF TEST SPECIMEN

ITTS Test No. 182893
Standard Carpets Ind. L. L. C.
Style: Nylon Broadloom with SBR Latex Backing
Construction: Level Cut Loop (LCL)
The flooring weighed 0.437 lbs./ft².



RESULTS OF TESTS

ITTS TEST NUMBER 182893 STANDARD CARPETS IND. L. L. C

1/3 Octave Band Center Frequency <u>Hertz</u>	<u>1/3 Octave Band Sound Pressure Level dB re 0.0002 Microbar</u>				
	Bare Concrete	Floor Tested	Difference in dB	Reference Floor	Final Array
100	64.9	58.0	6.9	67.0	60.1
125	68.1	56.9	11.2	67.5	56.3
160	71.1	57.3	13.8	68.0	54.2
200	71.6	52.8	18.8	68.5	49.7
250	72.5	48.5	24.0	69.0	45.0
315	74.3	45.6	28.7	69.5	40.8
400	73.9	39.1	34.8	70.0	35.2
500	74.8	34.8	40.0	70.5	30.5
630	74.9	29.6	45.3	71.0	25.7
800	75.7	26.5	49.2	71.5	22.3
1000	77.1	24.0	53.1	72.0	18.9
1250	79.2	22.6	56.6	72.0	15.4
1600	81.1	21.2	59.9	72.0	12.1
2000	83.0	21.9	61.1	72.0	10.9
2500	82.3	20.1	62.2	72.0	9.8
3150	81.5	19.6	61.9	72.0	10.1

Impact Insulation Class (IIC)* 60

Calculated improvement in Impact Insulation Class: IIC 60 – IIC 28 = ΔIIC 32

*Classified in accordance with ASTM E989-06 (Reapproved 2012), entitled, "Standard Classification for Determination of Impact Insulation Class (IIC)".

The uncertainty limit of the impact noise test data is less than 3 dB for the 1/3 octave bands centered in the range from 100 to 400 Hz and less than 2.5 dB for the bands centered on the range from 500 to 3150 Hz.

**REMARKS**

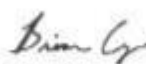
1. Ambient Temperature: 68°F
2. Relative Humidity: 35%

CONCLUSION

The test method employed for this test has no pass-fail criteria; therefore, the evaluation of the test results is left to the discretion of the client.

Date of Test: January 7, 2019

Report Approved by:


Brian Cyr
Engineer
Acoustical Testing

Report Reviewed By:


James R. Kline
Engineer/Quality Supervisor
Acoustical Testing

Attachments: None

**Schall- und Wärmemeßstelle Aachen GmbH**

Institut für schalltechnische und wärmetechnische Prüfungen - Beratung - Planung

SWA GmbH

Im Grüntal 22 52 066 Aachen

Telefon (0241) 970 220

Telefax (0241) 572 958

Geschäftsführung:

Dipl.-Ing. Bernd Gebing

Dr.-Ing. Lothar Siebel

Amtsgericht Aachen HRB 2708

Labor: Hauptstr. 133 52 477 Aisdorf

VMPA: Schallschutzprüfstelle (DIN 4109)
Staatlich anerkannte Sachverständige
für den Schall- u. Wärmeschutz im Bau NRWBankverbindung: Sparkasse Aachen
(BLZ 390 500 00) Kto.-Nr. 11 011 194

01.06.2010

TEST REPORT NO. : CT310510

TS

Impact sound insulation of ISO 140-8 : 1998 - 03

Date of test: 31.05.2010

Customer: CENTEXBEL

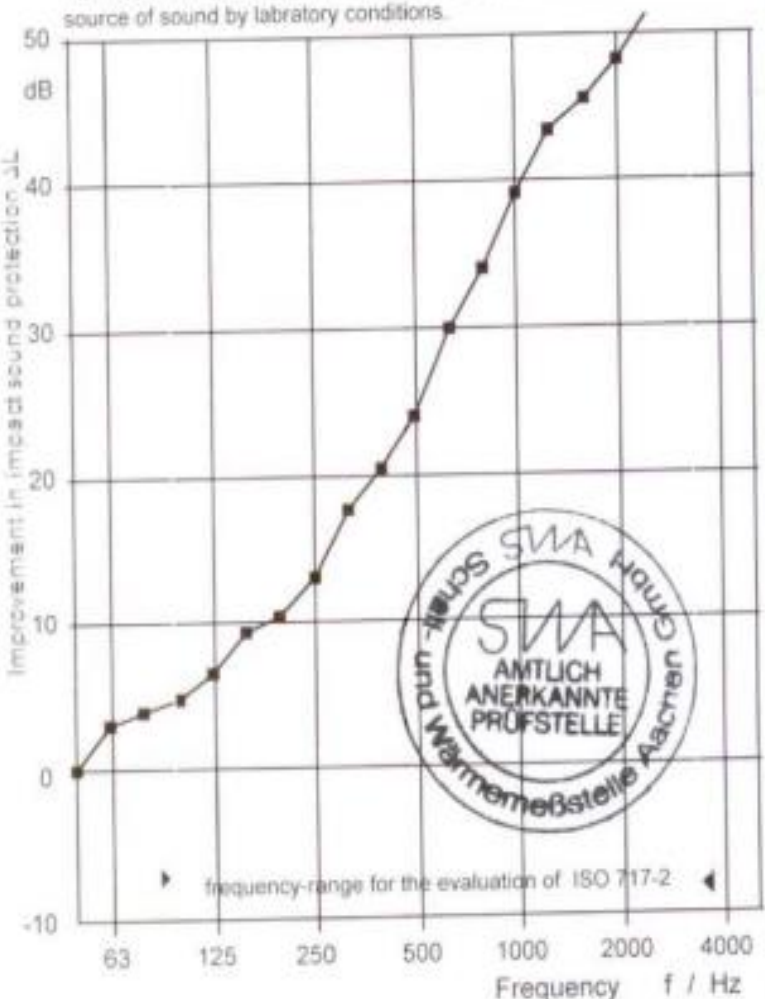
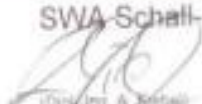
Tested material: T004993 (non glued)

laid loose on a 140 mm thick reinforced concrete floor slab

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Test results		Enclosure TS																																																																					
Impact sound insulation of ISO 140-8 : 1998 - 03		Page 2 of 2																																																																					
Measurement of impact sound insulation by a floor covering - on a solid strings-floor																																																																							
Customer: CENTEXBEL																																																																							
Tested material: T004993 (non glued) Test rooms: 02 u. K2, Hauptstraße 133, 52 477 Aisdorf Test area: 4,24 m x 4,15 m Test area of slab Date of test: 31.05.2010																																																																							
Description of the test material: Total thickness: - mm Mass / area: - kg/m² laid loose on a 140 mm thick reinforced concrete floor slab																																																																							
Receiving room: Volume: 58,9 m³ Temperature: 20 °C Humidity: 65 %																																																																							
The results are based on tests, which were effected with on artificial source of sound by laboratory conditions.																																																																							
<table border="1"> <thead> <tr> <th>Frequency</th> <th>Ln</th> <th>ΔL</th> </tr> <tr> <th>Hz</th> <th>dB</th> <th>dB</th> </tr> </thead> <tbody> <tr><td>50</td><td></td><td>0,1</td></tr> <tr><td>63</td><td></td><td>3,1</td></tr> <tr><td>80</td><td></td><td>4,1</td></tr> <tr><td>100</td><td>61,0</td><td>4,9</td></tr> <tr><td>125</td><td>61,4</td><td>6,6</td></tr> <tr><td>160</td><td>64,8</td><td>9,4</td></tr> <tr><td>200</td><td>63,7</td><td>10,6</td></tr> <tr><td>250</td><td>65,4</td><td>13,2</td></tr> <tr><td>315</td><td>65,6</td><td>17,8</td></tr> <tr><td>400</td><td>66,1</td><td>20,6</td></tr> <tr><td>500</td><td>66,0</td><td>24,0</td></tr> <tr><td>630</td><td>66,4</td><td>30,0</td></tr> <tr><td>800</td><td>66,3</td><td>34,1</td></tr> <tr><td>1000</td><td>66,2</td><td>39,2</td></tr> <tr><td>1250</td><td>66,6</td><td>43,4</td></tr> <tr><td>1600</td><td>67,2</td><td>45,4</td></tr> <tr><td>2000</td><td>67,1</td><td>48,1</td></tr> <tr><td>2500</td><td>67,0</td><td>51,8</td></tr> <tr><td>3150</td><td>66,4</td><td>54,7</td></tr> <tr><td>4000</td><td></td><td>54,3</td></tr> <tr><td>5000</td><td></td><td>54,5</td></tr> </tbody> </table>	Frequency	Ln	ΔL	Hz	dB	dB	50		0,1	63		3,1	80		4,1	100	61,0	4,9	125	61,4	6,6	160	64,8	9,4	200	63,7	10,6	250	65,4	13,2	315	65,6	17,8	400	66,1	20,6	500	66,0	24,0	630	66,4	30,0	800	66,3	34,1	1000	66,2	39,2	1250	66,6	43,4	1600	67,2	45,4	2000	67,1	48,1	2500	67,0	51,8	3150	66,4	54,7	4000		54,3	5000		54,5	 Improvement in impact sound protection ΔL dB 50 40 30 20 10 0 -10 63 125 250 500 1000 2000 4000 Frequency f / Hz frequency-range for the evaluation of ISO 717-2	
Frequency	Ln	ΔL																																																																					
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Impact sound improvement index $\Delta L_w = 27 \text{ dB}$ (VM = 27 dB)																																																																							
non rated reduction of impact sound insulation $\Delta L_{in} = \Delta L_w + C_{L,A}$ $\Delta L_{in} = 15 \text{ dB}$																																																																							
$C_{L,A} = -12 \text{ dB}$ $C_{L,T} = 1 \text{ dB}$ $C_{L,150-2500} = 6 \text{ dB}$																																																																							
Test report no.: CT310510 TS Aachen 01.06.2010	SWA Schall- und Wärmemeßstelle Aachen GmbH  (Dr. Ing. A. Bittl)																																																																						
		Page 2 of 2																																																																					

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Report Number :

DELT20063676



Intertek India Private Limited

296, Udyog Vihar, Phase-II, Gurgaon, Haryana - 122016. Tel : 0124-4563480, Fax : 0124-4303552.
Registered Office : E-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi - 110044. Web site : www.intertek.com

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TEST REPORT

ULN - TC-568320120063676P

NUMBER : DELT20063676

DATE : 17-Oct-2020

APPLICANT : STANDARD CARPETS IND, LLC
Plot No-5315801,, Plot No-5315801, Dubai,
-, United Arabs Emirates
ATTN : Sahil Passi

Sample Description : Ten piece of submitted (2.5 m2) 100% Solution
Dyed Nylon Carpet Tile sample.

Applicant Provided Care Instructions :
Vacuum clean

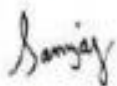
Date Received/date Test Started : 06 Oct 2020
Date Confirmation Received : 06 Oct 2020
Buyer : NOT PROVIDED
Country of Origin : India
P.O.No : -
Fiber Content :
End Uses : Carpet
Style : -
Color : Blue
Manufacturer's Name : Standard Carpets Ind, llc
Article No :

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE
REFER TO ENCLOSED PAGE(S)

Azo-dyes

TESTED SAMPLE	STANDARD	RESULT
Submitted Sample in color Blue/Grey Pile	COLOURANTS CONTENT REQUIREMENT IN ANNEX XVII ITEM 43 OF THE REACH REGULATION (EC) NO. 1907/2006 & AMENMENT NO. 552/2009 AND 126/2013 (FORMERLY KNOWN AS DIRECTIVE 2002/61/EC)	PASS

AUTHORIZED BY
FOR Intertek India Private Limited [Gurgaon]



SANJAY KUMAR
DY.LAB MANAGER

TEX59

Intertek India Private Limited

Page 1 of 8

290, Udyog Vihar, Phase-II, Gurgaon, Haryana-122016 Tel: 0124-4503403, Fax: 0124-4328592
Registered Office: C-20, Block B-1, Mohan Co-Operative Industrial Area, Mathura Road, New Delhi-110044 Web site: www.intertek.com

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Standard Carpets



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TEST REPORT

ULR - TC-5663201200636765

NUMBER : DELT20063676

DATE : 17-Oct-2020

CONCLUSION :

Fiber Identification/Composition- 2 Fibre	**
Appearance After Care	**
Dimensions	**
Colour Fastness to Rubbing	**
Color Fastness to Water	**
Colour Fastness to Light Grade 4	**
Tuft Withdrawal	**
Colorfastness to Shampooing	**
Delamination	N/A
Allergenic Dye	**
Cadmium	**
Carcinogenic Dyes	**
Formaldehyde	**
Flammability Test For Carpets & Rugs	M
Flammability	**

NOTE:

M = MEETS REQUIREMENT,	F = FAILS TO MEET REQUIREMENT
* = REQUIREMENT NOT PROVIDED,	NA = NOT APPLICABLE
# = EXEMPTED,	NC = NO COMMENT,
SC = SEE COMMENT	** = REFER RESULT
## = NOT PERFORMED	MA = MARGINAL ACCEPTANCE
NR = NOT REQUESTED	D = DATA ONLY
C = CONFIRM LABEL	

REMARKS :

Test methods are provided by the applicant.

TRX59

Intertek India Private Limited

Page 2 of 9

290, Udyog Vihar, Phase-I, Gurgaon, Haryana-122016 Tel: 0124-4103455, Fax: 0124-4303992
Registered Office: E-20, Block B-1, Mahan Co-Operative Industrial Area, Mathura Road, New Delhi-110044 Web site: www.intertek.com

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Standard Carpets



Total Quality Assured

TEST REPORT

URL : TC-5663261200636747

NUMBER : DELT20063676

DATE : 17-Oct-2020

TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Fiber Identification/Composition- 2 Fibre
ISO 1832-1:2006

FIBRE COMPOSITION (ON PRODUCT BASIS) :

Pile: 100% Nylon

Requirement

Not Provided

REMARK:

Recommended fibre composition:

Pile: 100% Nylon

2. Appearance After Care

vacuum clean

Colour Change

5

Requirement

Not Provided

OBSERVATION :

No colour change was observed.

3. Dimensions

ISO 2018 :1974

Length

19.75"

Requirement

Not Provided

Width

19.75"

4. Colour Fastness to Rubbing

ISO 105x12:2016

Dry

4-5

Requirement

Not Provided

Wet

4-5

TEX/59

Intertek India Private Limited

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290, Udyog Vihar, Phase-I, Gurgaon, Haryana-122015, Tel: 01244503400, Fax: 01244809900
Registered Office: E-20, Block B-1, Mullan Co-Operative Industrial Area, Mathura Road, New Delhi-110044, Website: www.intertek.com

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Kiliet

Standard Carpets

intertek
Total Quality Assurance

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NUMBER : DELT20063676
DATE : 17-Oct-2020

5. Color Fastness to Water
ISO 105-R01

Colour Change		4	<u>Requirement</u>
COLOUR STAINING			Not Provided
	Acetate	4-5	Not Provided
	Cotton	4-5	
	Nylon	4-5	
	Polyester	4-5	
	Acrylic	4-5	
	Wool	4-5	

6. Colour Fastness to Light Grade 4
ISO 105 B02 : 2014

UPTO GRADE 4	Grade	4	<u>Requirement</u>
			Not Provided

7. Tuft Withdrawal
ISO 4919:2012

40 N [Withdrawal]	<u>Requirement</u>
	Not Provided

8. Colorfastness to Shampooing
ISO 10168

Change in Colour	4	<u>Requirement</u>
Staining of Cotton	4-5	Not Provided
Staining of Nylon	4-5	Not Provided

TEL: 59

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TEST REPORT

ULR - TC-566320120063676P

NUMBER : DELT20063676

DATE : 17-Oct-2020

9. Allergenic Dye

- (21)) DIN 54321 (Harmful materials EC 552 HPLC analysis)
Blue Carpet

Requirement

Not Provided

Disperse Orange 149	Not Detected
Disperse Blue 1	Not Detected
Disperse Blue 3	Not Detected
Disperse Blue 7	Not Detected
Disperse Blue 26	Not Detected
Disperse Blue 35	Not Detected
Disperse Blue 102	Not Detected
Disperse Blue 106	Not Detected
Disperse Blue 124	Not Detected
Disperse Orange 1	Not Detected
Disperse Orange 3	Not Detected
Disperse Orange 17/76	Not Detected
Disperse Red 1	Not Detected
Disperse Red 11	Not Detected
Disperse Red 17	Not Detected
Disperse Yellow 1	Not Detected
Disperse Yellow 3	Not Detected
Disperse Yellow 9	Not Detected
Disperse Yellow 39	Not Detected
Disperse Yellow 49	Not Detected
Disperse Brown 1	Not Detected
Disperse Yellow 23	Not Detected
Disperse Orange 17/76/59	Not Detected
Disperse Orange 37	Not Detected
Disperse Orange 76	Not Detected
Disperse Orange 59	Not Detected
Basic Blue 26	Not Detected
Disperse Yellow 14	Not Detected
Basic Red 46	Not Detected
Naphtol As Reative	Not Detected
Acid Red 14 (Carminique Acid Natural)	Not Detected
Basic Violet 3	Not Detected
Basic Violet 1	Not Detected
Basic Green 4	Not Detected
Disperse Blue 291	Not Detected
Disperse Violet 93	Not Detected
Disperse Yellow 64	Not Detected

REMARK:

DETECTION LIMIT = 15 mg/kg

TEX/59

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TEST REPORT

ULR - TC-566320120063676P

NUMBER : DELT20063676

DATE : 17-Oct-2020

10. Cadmium

EN 1122.

Black Rubber

Not Detected

Requirement
Not Provided

REMARK:

Minimum Detection Limit = 10 Parts Per Million

11. Carcinogenic Dyes

- [9] DIN 54321 (Harmful materials EC 552 HPLC analysis)

Blue Carpet

Disperse Blue 1

Not Detected

Requirement
Not Provided

Basic Red 9

Not Detected

Acid Red 26

Not Detected

Disperse Yellow 3

Not Detected

Direct Blue 6

Not Detected

Direct Black 38

Not Detected

Disperse Orange 11

Not Detected

Basic Violet 14

Not Detected

Direct Red 28

Not Detected

REMARK:

DETECTION LIMIT = 15 ng/kg

12. Formaldehyde

BS EN ISO 14184 PART-1 :2011 :

Not Detected

Requirement
Not Provided

REMARK:

Detection limit -5 ppm

TEX/19

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Page 8 of 9

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13. Azo-dyes

EN ISO 14362 - 1 : 2017 As Per European Test Procedure For Detection of the Use of Certain Azo Colorants By Using Gas Chromatographic-mass Spectrometric (GC-MS) and High Performance Liquid Chromatographic (HPLC) Analysis.

Blue/Grey Pile

Result in mg/kg	CAS-NO	RESULTS	Requirement
4-Aminobiphenyl	92-67-1	N	30 ppm
Benzidine	92-87-5	N	
4-Chloro-O-Toluidine	95-69-2	N	
2-Naphthylamine	91-59-8	N	
O-Aminoazotoluene	97-56-3	N	
5-Nitro- O - Toluidine	99-55-8	N	
P-Chloroaniline	106-47-8	N	
2,4-Diaminoanisole	615-05-4	N	
4,4'-Diaminodiphenylmethane	101-77-9	N	
3,3'-Dichlorobenzidine	91-94-1	N	
3,3'-Dimethoxybenzidine	119-90-4	N	
3,3'-Dimethylbenzidine	119-93-7	N	
3,3'-Dimethyl-4,4' Diaminobiphenylmethane	838-88-0	N	
P-Kresidin	120-71-8	N	
4,4'-Methylene-Bis-(2 Chloroaniline)	101-14-4	N	
4,4'-Oxydianiline	101-80-4	N	
4,4'-Thiodianiline	139-65-1	N	
O-Toluidine	95-53-4	N	
2,4-Toluediamine	95-80-7	N	
2,4,5-Trimethylaniline	137-17-7	N	
2-Methoxyaniline	90-04-0	N	
P-Aminoazobenzene	60-09-3	N	
2,6 XYLIDINE	87-62-7	N	
2,4 XYLIDINE	95-68-1	N	

REMARK:

Summary : Presence Of Carcinogenic Amines N

Results : Not Detected

Remark : Detection Limit 5 Parts Per Million

PPM : Parts Per Million

N : Not Detected

14. Flammability

Test Method	ISO 6925: 1982
Sample Dimension	230X230 ±3 MM
Diameter of Flattening Frame	230 MM X 230X6.5 ±0.5 MM WITH HOLE IN CENTER OF DIAMETER 205 MM
Type of Ignition Source	METHANAMINE TABLET

CONDITIONING:

Prior to testing: At least 24 hours at 20±2°C and 65±2% relative humidity.

At the time of testing: Temperature between 10°C and 30°C, relative humidity between 20% and 65% .

OR

Prior to testing: 2 hours at 105±2°C followed by a minimum of 1 hour over desiccator.

At the time of testing: Temperature between 10°C and 30°C, relative humidity between 20% and 65% .

THE NEAREST DISTANCE FROM BURNT AREA TO THE FRAME EDGE (IN MM)

Specimen Number	Maximum distance from the center of the sample to the edge of the charred area (MM)	Flaming ceased (Sec)	Time effect of ignition reached the flattening frame (Sec)
1	28	70	-
2	33	67	-
3	26	72	-
4	29	75	-
5	30	66	-
6	26	79	-
7	27	82	-
8	31	74	-

NA= Not Applicable

DNI=Did not Ignite

FE=Forcibly extinguished after charred area reached the flattening ring

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TEST REPORT

ULR - TC-564326120063676P

NUMBER : DELT20063676

DATE : 17-Oct-2020

15. Flammability Test For Carpets & Rugs

16 CFR 1631

Requirement

Test Method	16 CFR 1631 (FP2-70)	
Sample Dimension	9X9 INCH	
Type of Igniting Source	METHANAMINE	
% Relative Humidity	65%	
Conditioning Time Prior to Test	1 HRS	
Number of Specimens Meet the Test Criterion	8	Must meet
ORIGINAL		
1]	3.3	
2]	3.2	
3]	3.0	
4]	3.0	
5]	3.2	
6]	3.0	
7]	2.6	
8]	2.9	

END OF THE TEST REPORT

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United Kingdom
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email: info@satra.co.uk
www.satra.co.uk



Customer: Standard Carpets Ind LLC
Standard Carpets Ind LLC
P.O.Box 27977
Sharjah
United Arab Emirates

SATRA Ref: FLO0188228/1038/4

Report Date: 1 October 2010

Samples received:

Contact: Upendra Oza

TECHNICAL SERVICES REPORT

Subject: Testing of a carpet tile sample referenced 'Straight Talk' to EN 986.

Your reference:

Conditions of Issue:

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

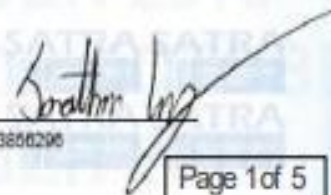
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Report signed by: Jonathan Lund
Position: Flooring Technologist
Department: Flooring

(Page 1 of 5)

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Technical Services Report



TESTING OF A CARPET TILE SAMPLE REFERENCED 'STRAIGHT TALK' TO EN 986.

As requested by Standard Carpets Ind LLC, SATRA have completed an assessment of the determination the dimensional stability of the textile floor tile submitted, as detailed below.

SAMPLE SUBMITTED

Sample reference: Straight Talk
Description: Textile Carpet Tile
Colour: Brown and Gold
Backing: Recycled Vinyl Backing
Size: 500mm x 500mm
Intended application: Contract use

Appearance:



Date received: 20th September 2009
Conditioning commenced: 20th September 2009
Testing commenced: 27th September 2009
Testing completed: 30th September 2009
Testing conducted by: Mandy de Wet and Phillip Weal

TESTS CARRIED OUT

- BS EN 986: 2005, Textile floor coverings – Tiles – Determination of dimensional changes due to the effects of varied water and heat conditions and distortion out of plane. ⁽¹⁾

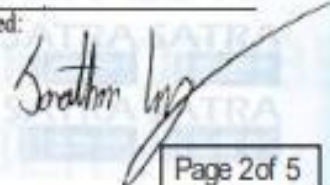
Note:

(1) The results have been assessed against the requirements specified in BS EN 1307: 2008 Textile floor coverings – Classification of pile carpet. Annex A, Additional requirements for pile carpet tiles.

Standard Carpets Ind LLC
Job: FLO0188228/1038/4
Date: 1 October 2010

(Page 2 of 5)

Signed:



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Technical Services Report



RESULTS

Property	Test Method	Requirements	Results
Dimensional Stability	BS EN 986	0.2% - loose lay and fixed bonded tiles 0.4% shrinkage acceptable for permanent bonded tiles	-0.09 %
Curling and doming	BS EN 986	Loose laid applications >2.0 mm Permanently bonded applications – No Requirements	0.7 mm

See annex 1.0 for details of the raw data for the test.

COMMENTS

This test was conducted according to BS EN 986: 2005 which is intended to assess the stability of the textile carpets tile after being subjected to varied conditions of heat and water. After conditioning at 20°C, 65% rh for 24 hours the samples submitted are subjected to 60°C for 2 hours and then transferred to water at 20°C for a further 2 hours.

After this period the tiles are subjected to 60°C in an oven for 24 hours before being left in a standard conditioned atmosphere (temperature of $20 \pm 2^\circ\text{C}$ and a relative humidity of $65 \pm 2\%$) for a further 48 hours.

During each interval four measurements are made using Mitutoyo digital vernier callipers to assess any shrinkage or extension of the carpet tiles. The dimensional change is recorded at each stage as percentage change. As specified the reported result is the greatest average percentage change recorded during the varied changes in temperature and humidity, to the nearest 0.1%.

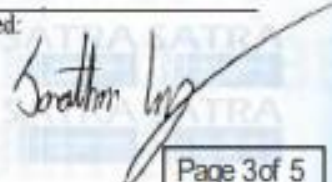
CONCLUSION

With regard to dimensional stability the samples submitted, referenced 'Straight Talk', satisfied the requirements set out in EN 1307: 2008 for permanently bonded applications.

Standard Carpets Ind LLC
Job: FLO0188228/1038/4
Date: 1 October 2010

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Technical Services Report



Annex 1.0 Individual data

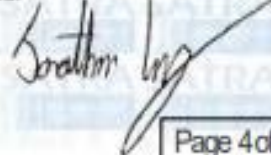
Table 1. BS EN 986, Dimensional stability.

	65%rh/20C		2hrs @60C		2hrs Water		24hrs @60C		48 hrs @65%rh/20C	
	Length	Width	Length	Width	Length	Width	Length	Width	Length	Width
Specimen 1										
1	499.68	500.02	499.46	499.73	499.45	499.70	499.18	499.50	499.40	499.75
2	499.70	499.91	499.47	499.65	499.52	499.63	499.25	499.43	499.43	499.66
Ave	499.69	499.97	499.47	499.70	499.49	499.67	499.22	499.47	499.42	499.71
%change			-0.04	-0.05	-0.04	-0.06	-0.09	-0.10	-0.05	-0.05
Specimen 2										
1	499.78	499.82	499.64	499.79	499.67	499.67	499.33	499.43	499.51	499.66
2	499.73	499.82	499.59	499.73	499.61	499.69	499.38	499.47	499.50	499.63
Ave	499.76	499.82	499.61	499.80	499.64	499.68	499.36	499.45	499.51	499.65
%change			-0.03	-0.00	-0.02	-0.03	-0.08	-0.07	-0.05	-0.03
Specimen 3										
1	499.77	499.85	499.62	499.83	499.48	499.73	499.28	499.59	499.42	499.73
2	499.70	500.01	499.63	499.98	499.50	499.91	499.32	499.82	499.50	499.90
Ave	499.74	499.93	499.63	499.91	499.49	499.82	499.30	499.71	499.46	499.82
%change			-0.02	-0.00	-0.05	-0.02	-0.09	-0.04	-0.06	-0.02
Overall Average										
			-0.03	-0.02	-0.04	-0.04	-0.09	-0.07	-0.05	-0.03

Standard Carpets Ind LLC
Job: FLO0188228/1038/4
Date: 1 October 2010

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Technical Services Report



TERMS AND CONDITIONS OF BUSINESS

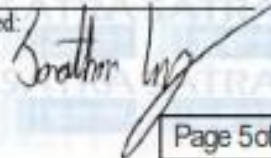
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 - ii. Where SATRA has given consent to disclosure, the Customer shall draw the attention of the third party to these terms of business and the basis on which SATRA undertakes test, reporting and advising. The Customer shall indemnify SATRA for any failure to do so.
 - iii. The above items are submitted to the Customer as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.
13. **CONSTRUCTION AND ARBITRATION**
The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009

Standard Carpets Ind LLC
Job: FLO0188228/1038/4
Date: 1 October 2010

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Test No: 123431

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: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
AATCC Test Method 16 Option E
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.

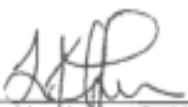
Procedure

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)	5

Key to Ratings

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


President L. Kent Suddeth

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Report Number : DELT19109139-REV1



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TEST REPORT

NUMBER : DELT19109139-REV1
DATE : 10-Dec-2019APPLICANT : STANDARD CARPETS IND,LLC
Plot No-5315801,, Plot No-5315801, Dubai,
-, United Arabs Emirates
ATTN : Helen Ji, Abhijit Bhattacharya, Sahil
PassiTHIS IS TO SUPERSEDE REPORT
NO. DELT19109139
DATED 30-Nov-2019

Sample Description : Nylon Synthetic Tufted Carpet Tiles
Date Received/Date Test Started : 27 Nov 2019
Date Confirmation Received : -
Brand Name : -
Buyer Name : -
Style No : -
Order No : -
Color : Black
Fiber Content : Nylon
Performance No. :
Manufacturer's Name : Standard Carpets Ind,llc
Vendor Name : STANDARD CARPETS IND,LLC
Buyer Name : SASO

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE
REFER TO ENCLOSED PAGE(S)

AUTHORIZED BY
FOR Intertek India Private Limited [Gurgaon]SANJAY KUMAR
DY.LAB MANAGER

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TEST REPORT

NUMBER : DELT19109139-REV1
DATE : 10-Dec-2019

CONCLUSION :

Extractable Heavy Metals	M
Colour Fastness to Water	M
Color fastness to Saliva and Perspiration	*
Pesticides	Na
Colour Fastness to Rubbing	M
pH Value	M
Chlorinated Organic Carriers	M
Colorants	M
Odour Test	M
Organic Tin compound	M
Formaldehyde Content	M
Phenols	M
Colour Fastness to Perspiration	M

NOTE:

M = MEETS REQUIREMENT, F = FAILS TO MEET REQUIREMENT
* = REQUIREMENT NOT PROVIDED, NA = NOT APPLICABLE
= SEE REMARK, C = CONFIRM LABEL
- = NOT PERFORMED NR = NOT REQUESTED

REMARKS :

Non Fr Treated

The report no - DELT19109139 has been revised to remove Phthalates test as per revised category provided by the applicant.

TEX/99

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TEST REPORT

NUMBER : DELT19109139-REV1
DATE : 10-Dec-2019

TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Extractable Heavy Metals

SASO GSO 1957

Black Carpets

		<u>Requirement</u>
Sol. Lead [Pb]	Not Detected	1.0 ppm
Sol. Cadmium [Cd]	Not Detected	0.1 ppm
Sol. Antimony [Sb]	Not Detected	30.0 ppm
Sol. Chromium [Cr]	Not Detected	2.0 ppm
Sol. Mercury [Hg]	Not Detected	0.02 ppm
Sol. Arsenic [As]	Not Detected	1.0 ppm
Sol. Cobalt [Co]	Not Detected	4.0 ppm
Sol. Copper [Cu]	Not Detected	50.0 ppm
Sol. Nickel [Ni]	Not Detected	4.0ppm

2. Color fastness to Saliva and Perspiration

SASO GSO 1957

		<u>Requirement</u>
Colour Staining on Filter Paper-part 1	5	-

3. Colour Fastness to Water

SASO ISO 105-B01

			<u>Requirement</u>
Colour Change		4	3
COLOUR STAINING	Acetate	4-5	3
	Cotton	4-5	3
	Nylon	4-5	3
	Polyester	4-5	3
	Acrylic	4-5	3
	Wool	4-5	3

4. Pesticides

SASO GSO 1957

	<u>Requirement</u>
Not Applicable	-

TEX/59

Intertek India Private Limited

Page 4 of 8

256, Udyog Vihar, Phase-II, Gurgaon, Haryana -122016, Tel : 0124-4503406, Fax : 0124-4303882.
Registered Office : E-20, Block B-1, Motan Co-Operative Industrial Area, Mathura Road, New Delhi -110044, Web site : www.intertek.com.

Page 4 of 8

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Standard Carpets



Total Quality. Assured.

TEST REPORT

NUMBER : DELT19109139-REV1
DATE : 10-Dec-2019

5. Colour Fastness to Rubbing
SASO ISO 105-X12

		<u>Requirement</u>
Dry	4-5	4
Wet	4-5	-

6. pH Value
SASO ISO 3071

	<u>Requirement</u>
6.5	No Direct contact with skin - 4.0 to 9.00

7. Chlorinated Organic Carriers
SASO GSO 1957

Dark Grey Pile Fabric

	<u>Compound</u>	<u>Requirement</u>
Dichlorobenzenes	<0.1 ppm	1.0 ppm
Trichlorobenzenes	<0.1 ppm	1.0 ppm
Tetrachlorobenzenes	<0.1 ppm	1.0 ppm
Pentachlorobenzenes	<0.1 ppm	1.0 ppm
Hexachlorobenzenes	<0.1 ppm	1.0 ppm
Chlorotoluenes	<0.1 ppm	1.0 ppm
Dichlorotoluenes	<0.1 ppm	1.0 ppm
Trichlorotoluenes	<0.1 ppm	1.0 ppm
Tetrachlorotoluenes	<0.1 ppm	1.0 ppm
Pentachlorotoluenes	<0.1 ppm	1.0 ppm
Sum of Coc's	<0.1 ppm	1.0 ppm

REMARK:
DETECTION LIMIT = 0.1 PPM or/ mg/kg

TEX/59

Intertek India Private Limited

Page 5 of 8

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TEST REPORT

NUMBER : DELT19109139-REV1

DATE : 10-Dec-2019

8. Colorants

ISO 14362-1/2 SASO ISO 14362-1/SASO ISO 14362-3/SASO ISO 16373-2/SASO ISO 16373-3

Dark Grey File

		<u>Requirement</u>
Disperse Blue 1	Not Detected	Not Detected
Basic Red 9	Not Detected	
Acid Red 26	Not Detected	
Disperse Yellow 3	Not Detected	
Direct Blue 6	Not Detected	
Direct Black 38	Not Detected	
Disperse Orange 11	Not Detected	
Basic Violet 14	Not Detected	
Direct Red 28	Not Detected	
Disperse Orange 149	Not Detected	
Disperse Blue 3	Not Detected	
Disperse Blue 7	Not Detected	
Disperse Blue 26	Not Detected	
Disperse Blue 35	Not Detected	
Disperse Blue 102	Not Detected	
Disperse Blue 106	Not Detected	
Disperse Blue 124	Not Detected	
Disperse Orange 1	Not Detected	
Disperse Orange 3	Not Detected	
Disperse Orange 37/76	Not Detected	
Disperse Red 1	Not Detected	
Disperse Red 11	Not Detected	
Disperse Red 17	Not Detected	
Disperse Yellow 1	Not Detected	
Disperse Yellow 3	Not Detected	
Disperse Yellow 9	Not Detected	
Disperse Yellow 39	Not Detected	
Disperse Yellow 49	Not Detected	
Disperse Brown 1	Not Detected	
Disperse Yellow 23	Not Detected	

REMARK:

DETECTION LIMIT = 15 mg/kg

TEX/59

Intertek India Private Limited

Page 6 of 8

200, Udyog Vihar, Phase-II, Gurgaon, Haryana - 122016, Tel : 0124-4903400, Fax : 0124-4302882.
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TEST REPORT

NUMBER : DELT19109139-REV1

DATE : 10-Dec-2019

9. Odour Test

SASO GSO 1957

Rating	Odour	<u>Requirement</u>
	less	Odour less

10. Organic Tin compound

TET/DBT

Pile With Backing Fabric

		<u>Requirement</u>
Tributyl Tin (Tbt) :	Not Detected	1.0 ppm
Dibutyl Tin (Dbt) :	Not Detected	1.0 ppm

REMARK:

DETECTION LIMIT = 0.05 PPM or/ mg/kg

11. Formaldehyde Content

SASO ISO 14184-1:2011 & SASO ISO 14184-2

		<u>Requirement</u>
	Not Detected	300 ppm

REMARK:

Detection Limit: 5 PPM

12. Phenols

(Chlorinated and OPP) [PPM]

SASO ISO 1957

Black Woven

		<u>Requirement</u>
	PCP: Not Detected, TeCP: Not Detected	0.5 ppm
Opp	Not Detected	1.0 ppm

REMARK:

DETECTION LIMIT = 0.05 PPM or/ mg/kg

TEX/9

Intertek India Private Limited

Page 7 of 8

206, Udyog Vihar, Phase-II, Gurgaon, Haryana -122016. Tel : 0124-4903406, Fax : 0124-4303592.
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Standard Carpets

13. Colour Fastness to Perspiration
SASO ISO 105-B04 Acidic and Alkaline
Acid

			<u>Requirement</u>
Colour Change		4	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	3-4
	Nylon	4-5	3-4
	Polyester	4-5	3-4
	Acrylic	4-5	3-4
	Wool	4-5	3-4

Alkaline

			<u>Requirement</u>
Colour Change		4	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	3-4
	Nylon	4-5	3-4
	Polyester	4-5	3-4
	Acrylic	4-5	3-4
	Wool	4-5	3-4

END OF THE TEST REPORT

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Test No: 123431

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: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
AATCC Test Method 16 Option E
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)	5

Key to Ratings

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


President L. Kent Suddeth

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Standard Carpets

13. Colour Fastness to Perspiration
SASO ISO 105-B04 Acidic and Alkaline
Acid

			<u>Requirement</u>
Colour Change		4	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	3-4
	Nylon	4-5	3-4
	Polyester	4-5	3-4
	Acrylic	4-5	3-4
	Wool	4-5	3-4

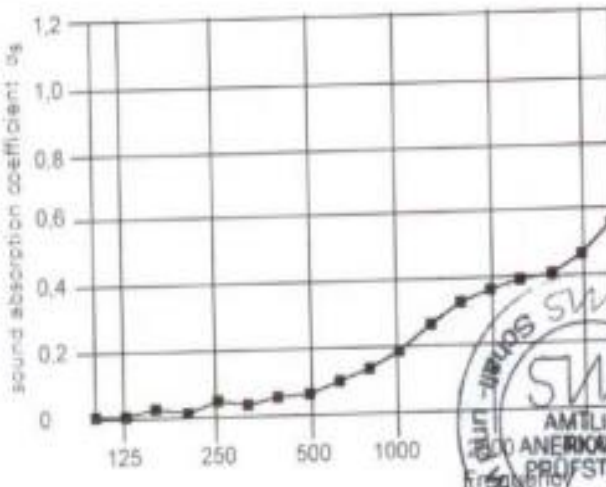
Alkaline

			<u>Requirement</u>
Colour Change		4	3-4
COLOUR STAINING	Acetate	4-5	3-4
	Cotton	4-5	3-4
	Nylon	4-5	3-4
	Polyester	4-5	3-4
	Acrylic	4-5	3-4
	Wool	4-5	3-4

END OF THE TEST REPORT

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<http://www.intertek.com/terms>

4. Test results		Enclosure SA														
Sound absorption DIN EN ISO 354 : 2003 - 12		Page 2 of 4														
Measurement of sound absorption in a reverberation room																
Customer: CENTEXBEL																
Tested material: article: T004993 (non glued) Test room: reverberation room, Hauptstraße 133, 52 477 Alsdorf Test area: 12,0 m² Test method: method of reverberation room Date of test: 31.05.2010 Description of the test material: Total thickness: - mm Mass / area: - kg/m² laid loose on the floor of the reverberation room Dimension of the test area: length: 4,00 m width: 3,00 m																
Reverberation room: Basic plan: trapezoid Volume: 211 m³ Temperature: 20 °C Humidity: 65 %																
<table border="1"> <thead> <tr> <th>f / Hz</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>α_s</td> <td>0,00</td> <td>0,05</td> <td>0,07</td> <td>0,18</td> <td>0,36</td> <td>0,46</td> </tr> </tbody> </table>		f / Hz	125	250	500	1000	2000	4000	α_s	0,00	0,05	0,07	0,18	0,36	0,46	
f / Hz	125	250	500	1000	2000	4000										
α_s	0,00	0,05	0,07	0,18	0,36	0,46										
Surface areas of reverberation room: 213 m² Surface areas of reflectors in reverberation room: 54,5 m² Reflectors: 6 Alu panels of 1,0 m/ 2,0 m 7 Plywood panels of 1,5 m/ 1,3 m 1 Alu panels of 1,8 m/ 0,9 m		 The graph shows the sound absorption coefficient (α_s) on the y-axis (ranging from 0 to 1.2) versus frequency (f) on the x-axis (logarithmic scale from 125 to 4000 Hz). The curve starts at 0 for 125 Hz and rises to approximately 0.6 at 4000 Hz.														
Test sound: third-octave Reception filter: third-octave																
Test report no.: CT310510 SA Aachen 01.06.2010		SWA Schall- und Wärmemessstelle Aachen GmbH (Dr. Ing. A. Seibert) (Dr. Ing. J. Seibert)														

4.2 Test results		Enclosure SA
Reverberation times		Page 4 of 4
Measurement of sound absorption in a reverberation room		
Customer: CENTEXBEL		
Tested material:	article: T004993 (non glued)	
Test room:	reverberation room, Hauptstraße 133, 52 477 Alsdorf	
Test area:	12,0 m ²	
Test method:	method of reverberation room	
Date of test:	31.05.2010	
Description of the test material:		
Total thickness:	-	mm
Mass / area:	-	kg/m ²
laid loose on the floor of the reverberation room		
Dimension of the test area:		
length:	4,00 m	
width:	3,00 m	
Reverberation times:		
f / Hz	T1 / s	T2 / s
100	10,31	9,96
125	8,22	8,11
160	6,80	6,40
200	6,77	6,55
250	7,14	6,37
315	6,23	5,78
400	6,62	5,82
500	6,78	5,86
630	6,92	5,61
800	6,62	5,01
1000	6,37	4,52
1250	6,28	3,98
1600	5,83	3,48
2000	5,39	3,20
2500	4,55	2,80
3150	3,76	2,45
4000	3,03	2,03
5000	2,40	1,64
Number of loudspeaker positions:	2	Test sound: third-octave noise
Number of microphone positions:	2 x 6	Reception filter: third-octave
Test report no.:	SWA Schall- und Wärmemeßstelle Aachen GmbH	
Aachen	CT310510 SA	
	01.06.2010	



Independent Textile
Testing
Service, Inc.

Test Number: 143602

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: Standard Carpets Ind. LLC.

April 1, 2014

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
Solution Dyed Nylon Carpet Tile with Vinyl Backing	--	--	8	8

CPSIA
Consumer Product Safety
Commission Accredited
Laboratory: ID 1288



NVLAP
NVLAP CODE 100166-2
This test report does not imply product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

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


President L. Kent Suddeth

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Standard Carpets



Test No: 210255

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: Standard Carpets Ind. LLC

October 27, 2021

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

Sample Identification: 100% Solution dyed nylon carpet (Sample A)

Test Method Conducted
International Standard ISO 4918
Resilient, Textile and Laminate Floor Coverings – Castor Chair Test

Scope:

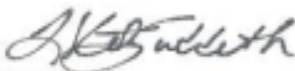
This International Standard specifies methods for determining the change of appearance and stability of a textile, resilient floor covering or laminate floor covering subjected to the action of three castors. For resilient flooring, the test apparatus consist of three type W (polyurethane) soft tread castors mounted concentrically to the rotation of a chair fixture in a 120° arc. The fixture is loaded to a weight of 90 kg and rotates at 50 rpm.

Test Result Assesment

No. of Cycles: 5K & 25K

Assessment Property	Rating
Surface appearance at 5,000 cycles	4.0
Surface appearance at 25,000 cycles	3.0

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 No: 123431

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: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
AATCC Test Method 16 Option E
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)	5

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


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Independent Textile
Testings
Service, Inc.

Test No: 210255

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: Standard Carpets Ind. LLC

October 27, 2021

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

Sample Identification: 100% Solution dyed nylon carpet (Sample A)

Test Method Conducted
International Standard ISO 4918
Resilient, Textile and Laminate Floor Coverings – Castor Chair Test

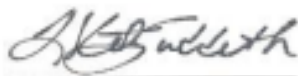
Scope:

This International Standard specifies methods for determining the change of appearance and stability of a textile, resilient floor covering or laminate floor covering subjected to the action of three castors. For resilient flooring, the test apparatus consist of three type W (polyurethane) soft tread castors mounted concentrically to the rotation of a chair fixture in a 120° arc. The fixture is loaded to a weight of 90 kg and rotates at 50 rpm.

Test Result Assesment
No. of Cycles: 5K & 25K

Assessment Property	Rating
Surface appearance at 5,000 cycles	4.0
Surface appearance at 25,000 cycles	3.0

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


President L. Kent Suddeth

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GREEN LABEL PLUS

INDOOR AIR QUALITY TESTING PROGRAM

THIS CERTIFIES THAT

Standard Carpets

Address: PO Box 490014,
Dubai, United Arab Emirates

HAS MET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE'S
GREEN LABEL PLUS PROGRAM FOR CATEGORY:

17X Pre-dyed Nylon with PVC Backing

Private Office Range of Total VOCs:
0.5 mg/m³ or less

School Classroom Range of Total VOCs:
0.5 mg/m³ or less

Product Type: Modular Tile

Joe W. Yarbrough, President
The Carpet and Rug Institute, Inc.

Certification Date: September 23, 2013
Expiration Date: December 31, 2023

To view all GLP-Certified products visit www.carpet-rug.org/glpproducts.

Page 1 of 1



GLP1268

This product complies with
California DPH Section 01350
Version 1.2

A USGBC® recognized third
party certification program
for LEED v4.1 EQ Credit
Low-Emitting Materials.



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Standard Carpets

Mr. . Bansal
STANDARD CARPETS IND LLC
Industrial Area no.1 PO Box 27977
AE- SHARJAH
VERENIGDE ARABISCHE EMIRATEN
via certification

your delivery of	your reference	our reference	date
2008-01-17	ECA 163	WVW/647	Zwijnaarde, 2008-01-24

Analysis Report 60898/B

Required tests :

Determination of thermal resistance by the guarded hot plate apparatus

Identification number	Information given by the client	Date of receipt
T800183	Nylon	2008-01-07

Willy Vande Wiele
order responsible

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Montoyerstraat 24 B2
BE-1000 Brussels
Tel. + 32 2 287 08 30 • Fax + 32 2 230 68 15

Analysis Report 60898/B

our reference	date	page
WWW/647	2008-01-24	2 / 2

Reference : T800183 - Nylon

Determination of thermal resistance by the guarded hot plate apparatus

1. Method:

Applied standard : DIN 52 612 Part 1 (year: 1979)
on conditioned material (20°C and 65% rel. humidity)

Deviations of the standard : -

Apparatus : one hot plate apparatus TECOSY

Number of tests : 2 (3 measurements per sample)

Performed in the external lab : Ugent, Faculteit Ingenieurswetenschappen, Vakgroep
Textielkunde

2. Results:

Date of ending the test: 22-01-2008

temperature °C	difference in temperature	thermal resistance R (in m ² .K/W)
25°C / 35°C	10°C	0,0487
30°C / 40°C	10°C	0,0475
35°C / 45°C	10°C	0,0475
average	-	0,0479 m ² .K/W

Performed in the external lab

Page 2 of 2

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Kiliet

Standard Carpets



Standard Carpets ind llc
Mr. Titus Pak
Industrial Area no.1 PO Box 27977
SHARJAH
Verenigde Arabische Emiraten



Your notice of
23-10-2015

Your reference

Date
04-12-2015

Analysis Report 15.05097.01

Required tests :

ISO 105-X12 (2001)	Determination of the colour fastness to rubbing
ISO 105-B02 (2014)	Determination of the colour fastness to light - floor covering
ISO 105-E01 (2013)	Determination of the colour fastness to water
ISO 1765 (1986)	Determination of the total thickness of floor coverings
ISO 1766 (1999)	Determination of surface pile thickness of textile floor coverings
ISO 8543 (1998)	Determination of the total mass per unit area of textile floor coverings
ISO 8543 (1998)	Determination of the surface pile mass per unit area of textile floor coverings
ISO 1763 (1986)	Determination of number of tufts or loops per unit length and per unit area
ISO 10361-MethodeB (2015)	Determination of changes in appearance of textile floor coverings using the Hexapod drum
EN 1963 - Method A (2007)	Determination of mass loss of textile floor coverings using the Lisson Tretrad Machine
ISO 8302 (1991)	Determination of the thermal conductivity - Hot plate

Identification number	Information given by the client	Date of receipt
T1517975	PANTHER	23-10-2015

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GENT • Technologiepark 7 • BE-9052 Zwijnaarde, Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be
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INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947



Analysis Report 15.05097.01

Date 04-12-2015

Page 2/13



Kristina De Temmerman

Order responsible

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Analysis Report 15.05097.01

Date 04-12-2015

Page 13/13

Reference: T1517975r - PANTHER

Determination of the thermal conductivity - Hot plate

Standard used ISO 8302 (1991)

Performed in an external lab Universiteit Gent, Faculteit Ingenieurswetenschappen en
Architectuur, Vakgroep Textielkunde

Annex 2 Report 15-1031.pdf

Centexbel is not responsible for the test results

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Performed in an external lab



Summary of test report 15.05097.01 dd 4/12/2015

EN 1307: 2014

Identification, basic information and use classification			
Product identity	PANTHER	Date (dd.mm.yyyy)	4.12.2015
Manufacturer/applicant	Standard Carpets ind llc	Type of surface	Cut pile
Type of manufacture	Tufted	Secondary backing	Woven textile backing + fleece
Carpet type	Pile carpets except needled pile carpets		
Basic requirements	Pass	Dimensions	Wall-to-wall
Primary Backing	Woven fabric	Yarn type	BCF
Colouring	Plain		
Pile fibre composition	100% polyester		
Total thickness (mm)	11.6	Surface pile thickness (mm)	8.6
Total carpet mass (g/m²)	2625	Surface pile mass (g/m²) *	1368
Surface pile density (g/cm³) *	0.159	Number of tufts per dm²	1680
Surface treatment for antistatic characteristics	no	Hairiness (type B1)	
Drum test Vetterman short-term ^b	2.5	Drum test Vetterman long-term ^b	1.5
Drum test Hexapod short-term ^b		Drum test Hexapod long-term ^b	
Test done on underlay	no	Abrasion resistance m ₁ /m ₂ ^d	
Appearance retention class	21	General structural integrity ^d	
Change in colour ^c			
Peel resistance ^c		Water impermeability ^e	
Abrasion resistance blade test ^c		Dimensional stability (loose laid only)	
Overall use class	21	Luxury class	LC5
Additional characteristics if applicable			
Castor chair suitability		Stair suitability	
Thermal resistance (m².K/W)	0.156	Impact sound insulation (ΔL _w)	
Body voltage walking test (kV)		Sound absorption α _w	
Vertical resistance (Ω)		Static dissipative floor covering	
Horizontal resistance (Ω)		Conductive floor covering	
Incidental humid conditions suitability		Resistance to fraying	
Specific information carpet tiles			
Type of tile		Basic requirements Annex A	
Non adhered/loose laid		Dimensions of the tile (cm)	
Adhered removable		Total mass individual tile (kg)	
For permanent bonding		Total mass per unit area (kg/m²)	

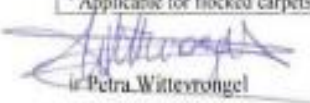
* Applicable for carpets with pile and needled carpets type B1, B2 and B3

^b Applicable for carpets with pile, carpets without pile and needled carpets types B1, B2 and B3

^c Applicable for needled carpets types A1, A2 and A3

^d Applicable for carpets without pile and needled carpets types A1, A2, A3, B1, B2 and B3

^e Applicable for flocked carpets


Petra Wittevrangel
product certifier



Annex to Analysis Report: A1505097
Your reference: PANTHER
Our reference: T1517975r



Date: 16-11-2015

Xenotest

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Standard Carpets

Test Number: 123431

Independent Textile
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: Standard Carpets Ind. LLC

August 13, 2012

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

Nylon Carpet Tiles

Test Assembly

Mounted on 6mm FRC Board
(Using Premium Multi Purpose Adhesive)

Test Results	Specimen No. 1	Specimen No. 2	Specimen No. 3
Critical Radiant Flux	0.41 watts/cm ²	0.48 watts/cm ²	0.42 watts/cm ²
Total Burn Length	45.0 cm	41.0 cm	44.0 cm
Flame Front Out	51.0 minutes	28.0 minutes	34.0 minutes

<u>Average Critical Radiant Flux</u>	0.44 watts/cm ²
Estimated Standard Deviation	0.04 watts/cm ²
	8.7% coefficient of variation


President L. Kent Suddeth

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Test No: 123431

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: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
ITTS - 205
Roll Chair Testing

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 indicated 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	Rating
	10,000	3.0
	50,000	2.5


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Phone: 706-278-3013 • Fax: 706-272-7057 • E-mail: info@ittslab.com

Test Report

Customer: Standard Carpets Ind. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
AATCC Test Method 16 Option E
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)	5

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


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Test No: 123431

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Phone: 706-278-3013 * Fax: 706-272-7057 * E-mail: info@ittslab.com

Test Report

Customer: Standard Carpets Inc. LLC

August 13, 2012

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

Sample Identification: Nylon Carpet Tiles

Test Method Conducted
AATCC Test Method 164
Colorfastness to Oxides of Nitrogen @ High Humidities

Procedure

Test specimens are exposed to Oxides of Nitrogen under controlled conditions for a specified number of cycles. One(1) cycle is determined when the control sample swatch color change corresponds to that of the Standard of Fading. Specimen ratings are based on the International Geometric Gray Scale.

Test Specimen Identification	Number of Cycles	Rating
See Above	2	5

Key to Ratings

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



President L. Kent Suddeth

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Standard Carpets



Standard Carpets ind llc
P.O. Box No. 490014 Dubai Industrial Park
DUBAI
United Arab Emirates

Your notice of
26-01-2022

Your reference

Date
18-02-2022

Analysis Report 22.00462.02

Required tests :
AS ISO 9239-1 (2003)

Reaction to fire tests for floorings - Determination of the
burning behaviour using a radiant heat source

Sample id	Information given by the client	Date of receipt
T2201522	DOMAIN	26-01-2022



Kristina De Temmerman
Order responsible

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Analysis Report 22.00462.02
Date 18-02-2022
Page 2/3

Reference: T2201522 - DOMAIN

Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Date of ending the test 16-02-2022
Standard used AS ISO 9239-1 (2003)
Deviation from the standard -
Conditioning 23°C, relative humidity 50%
Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Test specimen

Substrate Fibre cement board - density (1800 ± 200) kg/m³
Mounting Loose-laid
Specimens have not been cleaned

Performed under accreditation in the fire lab under the responsibility of Mike De Vrieze

Page 2 of 3

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Analysis Report 22.00462.02
Date 18-02-2022
Page 3/3

Radiant heat flux

	Flame spread distance (cm)				Flame time	Heat flux kW/m ²	
	10 min	20 min	30 min	Extinguishment		30 min*	Extinguishment**
Length							
#1	26	37	40	40	29 min 03 s	5.1	5.1
Width							
#1	32	42	42	42	32 min 27 s	4.8	4.8
#2	33	44	45	45	28 min 51 s	4.4	4.4
#3	29	41	44	44	27 min 04 s	4.5	4.5
Average						4.6	4.6

* Heat flux at the time of 30 minutes

** Heat flux at the time of flame extinguishment

Smoke production: Light attenuation

	Maximum (%)		Total (%.min)	
	30 min	Extinguishment	30 min	Extinguishment
Length				
#1	21	21	121	121
Width				
#1	16	16	114	114
#2	32	32	165	165
#3	21	21	125	125
Average			135	135

Performed under accreditation in the fire lab under the responsibility of Mike De Vrieze



Standard Carpets ind llc
Mr. Sahil Passi
P.O. Box No. 490014 Dubai Industrial Park
DUBAI UAE
Verenigde Arabische Emiraten

Your notice of
08-03-2019

Your reference

Date
30-04-2019

Analysis Report 19.01450.01

Required tests :

EN 13501-1 (2007) + A1 (2009)

Identification number	Information given by the client	Date of receipt
T1905440	100 % Solution dyed Nylon carpet tile	08-03-2019



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Order responsible

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INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWIJZING VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947



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Analysis Report 19.01450.01
Date 30-04-2019
Page 2/6

Reference: T1905440 - 100 % Solution dyed Nylon carpet tile

Information given by the client

Product standard	EN 13501-1 (2007) + A1 (2009)
Production batch/piece number	18/190301190302
Date of carpet finishing	04-03-2019
FR treated	yes
FR-surface treatment	no
Type of manufacture	Tufted
Use-surface	PA
Substrate, support	Fibre fleece
Backing layer	PVC
Total mass	4500 g/m ²
Pile thickness	5.5 mm
Total thickness	8 mm
Surface structure	Loop pile

Notified body No: 0493



Analysis Report 19.01450.01
Date 30-04-2019
Page 3/6

Reference: T1905440 - 100 % Solution dyed Nylon carpet tile

Reaction to fire tests – Ignitability of building products subjected to direct impingement of flame - Single-flame source test

Product standard EN 13501-1 (2007) + A1 (2009)

Classification of textile floor coverings in accordance with EN 14041 (2004) § 4.1.4

“The textile floor coverings listed in Table 2, in the end uses identified in the table, are classified without further testing (CWFT) in the classes shown and do not require testing in respect of these end uses and classes”.

Table 2 – Classes of reaction to fire for textile floor coverings, classified without further testing

Floor covering type ¹	EN product standard	Class ³ Floorings
Non-FR machine-made wall-to-wall carpets and pile carpet tiles ²	EN 1307	E _{fl}
Non-FR needled textile floor coverings without pile ²	EN 1470	E _{fl}
Non-FR needled textile floor coverings with pile ²	EN 13297	E _{fl}
¹) Floor covering glued or loose laid over a Class A2-s1,d0 substrate ²) Textile floor coverings having a total mass of max. 4.8 kg/m ² , a minimum pile thickness of 1.8 mm (ISO 1766) and - a surface of 100% wool - a surface of 80% wool or more – 20% polyamide or less - a surface of 80% wool or more – 20% polyamide/polyester or less - a surface of 100% polyamide - a surface of 100% polypropylene and if with SBR-foam backing, a total mass of > 0.780 kg/m². All polypropylene carpets with other foam backings are excluded. ³) Class as provided for in Table 2 in the Annex to Decision 2000/147/EC.		

Classification

Class E_{fl}



Analysis Report 19.01450.01
Date 30-04-2019
Page 4/6

Reference: T1905440 - 100 % Solution dyed Nylon carpet tile

Reaction to fire tests for floorings - Determination of the burning behaviour using a radiant heat source

Date of ending the test	26-04-2019
Standard used	EN ISO 9239-1 (2010)
Product standard	EN 13501-1 (2007) + A1 (2009)
Deviation from the standard	-
Conditioning	23°C, relative humidity 50% Minimum 14 days or until constant mass is achieved

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Test specimen

Substrate	Fibre cement board - density (1800 ± 200) kg/m ³
Mounting	Loose-laid
Specimens have not been cleaned	
Joint	At 25 cm and 75 cm

Performed under accreditation in the fire lab under the responsibility of Mike De Vrieze

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Radiant heat flux

	Flame spread distance (cm)			Flame time	Heat flux *
	10 min	20 min	30 min		
Length					
#1	20	31	38	30 min 00 s	5.8
Width					
#1	20	30	39	30 min 00 s	5.6
#2	19	20	38	30 min 00 s	5.8
#3	19	27	35	30 min 00 s	6.4
Average					5.9

* Heat flux at the time of flame extinguishment or after a test duration of 30 minutes.

Fire classification in accordance with EN 13501-1 (2007) + A1 (2009)

Class	EN ISO 11925-2 or CWFT	EN ISO 9239-1 (test duration = 30 min)
B _{fl}	E _{fl}	heat flux $\geq 8,0 \text{ kW/m}^2$
C _{fl}	E _{fl}	heat flux $\geq 4,5 \text{ kW/m}^2$
D _{fl}	E _{fl}	heat flux $\geq 3,0 \text{ kW/m}^2$

Smoke production: Light attenuation

	Maximum (%)	Total (%.min)
Length		
#1	23	118
Width		
#1	26	152
#2	21	138
#3	24	129
Average		140

Additional classification in accordance with EN 13501-1 (2007) + A1 (2009)

smoke production $\leq 750\%.\text{min}$	s1
smoke production $> 750\%.\text{min}$	s2

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Analysis Report 19.01450.01
Date 30-04-2019
Page 6/6**Reaction to fire classification : C₀/s1***Loose-laid on a non-combustible substrate**** End use substrates of classes A1 or A2-s1,d0 (EN 13238:2010 § 5.2.2)***Limitations**

This classification document does not represent type approval or certification of the product.

INRICHTING ERKEND BIJ TOEPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTÉ-LOI DU 30 JANVIER 1947

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