SINCE 1953

Naseej نسيج

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SINCE 1953
Naseej نسيج

Introduction

تتمثل أعمال قسم المشاريع في شركة نسيج العالمية التجارية بتصنيع وتركيب السجاد ، الموكيت ، الموكيت المطبوع ، السجاد اليدوي ، وسجاد الأكسمنيستر للمشاريع داخل وخارج المملكة مثل (الفنادق بجميع مستوياتها قاعات الاحتفالات، المسارح ، المجمعات السكنية ، الفلل ، القصور ، المكاتب ، المساجد ، المشاريع الحكومية وغيرها) .

وذلك حسب المواصفات المطلوبة من قبل العميل والألوان والتصاميم مستخدمين في ذلك جميع أنواع الخيوط فلدينا صوف ، (٨٠% صوف ٢٠ % نايلون) ، إكريليك ، بوليستر ، بولي بروبلين ، نايلون ديبون ٦.٦ وخيوط أخرى حسب الطلب.

يتم تصنيع السجاد والموكيت بإستخدام جميع الخيوط المذكورة أعلاه حسب المواصفات والمقاييس العالمية فيما يتعلق بالكثافة ، ارتفاع الوبرة ، وأي مواصفات فنية أخرى مثل (مقاومة الحريق ، الكهرباء الساكنة ، ثبات الألوان ، مضادة للبكتيريا ، وغيرها) ، كل هذا يفي بالغرض المطلوب من الجهة الاستشارية المشرفة على المشروع وتجعلها تثق بمنتجاتنا .

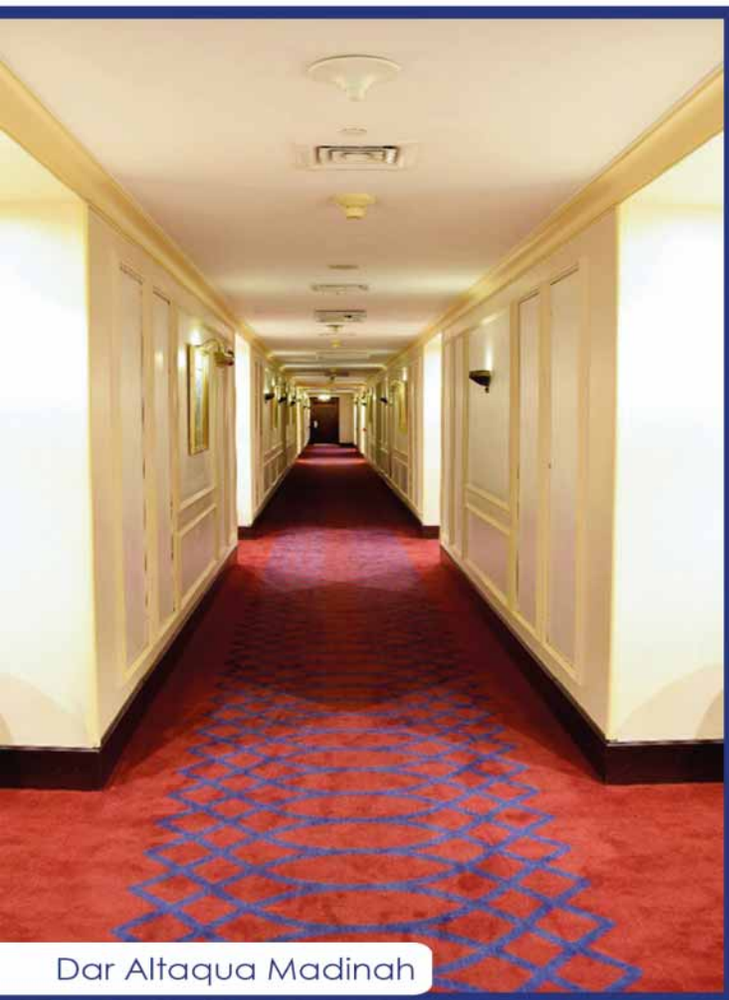
إدارة المشاريع

The Contracts division in Naseej International Trading Company is represented in manufacturing and installing carpets, rugs, printed carpets, hand-made carpets, and Ax minster carpets for projects inside and outside the Kingdom such as (hotels of all levels, ballrooms, theaters, residential complexes, villas, palaces, offices, mosques, government projects. And others).

According to the specifications required by the customer, colors and designs, we use all types of yarns. We have Wool, (80% Wool 20% Nylon), Acrylic, Polyester, Polypropylene, Nylon 6.6 DuPont and other yarns upon request.

Carpets and rugs are manufactured using all the threads mentioned above according to the international specifications and standards regarding Density, Pile height, and any other Technical Specifications such as (Fire Resistance and Static Electricity, Color Fastness, Anti-microbial, and Others), all of this meets the required purpose of The advisory supervising the project and making it trust our products.

Contracts Division



Dar Altaqua Madinah

Dar Altaqua Madinah

Muvi Cinema

Civil of Aviation

Naseej نسيج SINCE 1953

Woven Axminster Carpet

80 % Wool
&
20 % Nylon 6.6

Ax 7 / 7

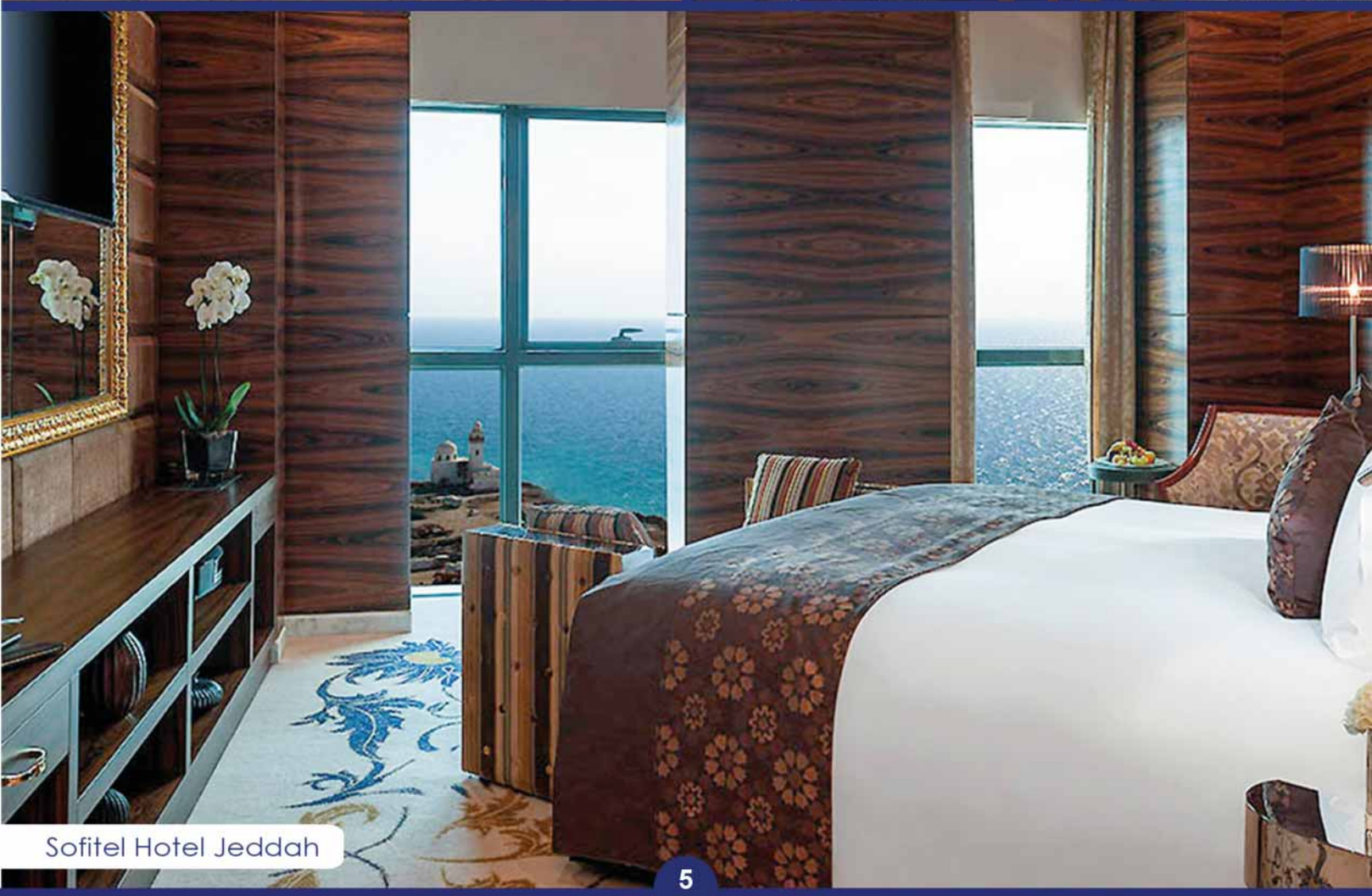
Ax 7 / 8

Ax 7 / 9

Ax 7 / 10

Hilton Hotel Madinah

Dar Altaqua Madinah



Sofitel Hotel Jeddah

Specification For Ax minster 7/7

Quality	Woven Axminster
Composition	80 % Wool 20 % Nylon 6,6
Warp Density (Pitch)	276 per meter
Weft Density (Rows)	830 per meter
Pile Points	151,900 /Sq. mtr
Knots	75,950 /Sq. mtr
Pile Height	7.5 mm
Total Thickness	9.5 mm
Total Pile Weight	1378 g/Sq. mtr
Total Product Weight	2296 g/Sq. mtr
Backing Yarns	Polyester/cotton Yarns
Weft yarns	Jute

Specification For Ax minster 7/8

Quality	Woven Axminster
Composition	80 % Wool 20 % Nylon 6,6
Warp Density (Pitch)	276 per meter
Weft Density (Rows)	940 per meter
Pile Points	173600 /Sq. mtr
Knots	86800 /Sq. mtr
Pile Height	7.5 mm
Total Thickness	9.5 mm
Total Pile Weight	1479 g/Sq. mtr
Total Product Weight	2524 g/Sq. mtr
Backing Yarns	Polyester/cotton Yarns
Weft yarns	Jute

Specification For Ax minster 7/9

Quality	Woven Axminster
Composition	80 % Wool 20 % Nylon 6,6
No of plies	3 ply
Warp Density (Pitch)	276 per meter
Weft Density (Rows)	1060 per meter
Pile Points	195,300 /Sq. mtr
Knots	97,650 /Sq. mtr
Pile Height	8.5 mm
Total Thickness	10.5 mm
Total Pile Weight	1727 g/Sq. mtr
Total Product Weight	2682 g/Sq. mtr
Backing Yarns	Polyester /cotton Yarns
Weft yarns	Jute

Specification For Ax minster 7/10

Quality	Woven Axminster
Composition	80 % Wool 20 % Nylon 6,6
No of plies	3 ply
Warp Density (Pitch)	276 per meter
Weft Density (Rows)	1180 per meter
Pile Points	217000 /Sq. mtr
Knots	108500 /Sq. mtr
Pile Height	8.5 mm
Total Thickness	10.5 mm
Total Pile Weight	2073 g/Sq. mtr
Total Product Weight	3090 g/Sq. mtr
Backing Yarns	Polyester /cotton Yarns
Weft yarns	Jute

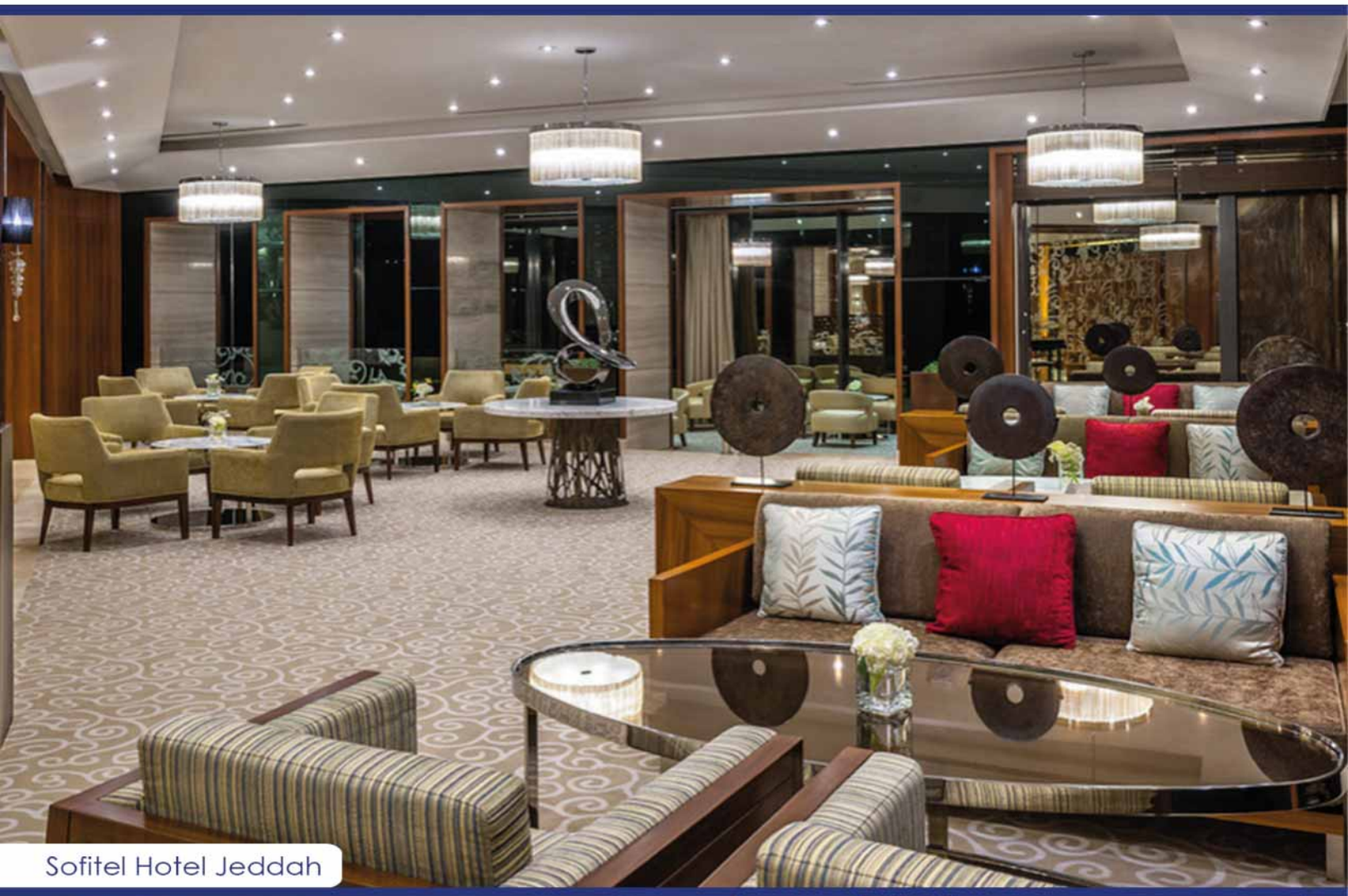
Woven Wilton Carpet

80 % Wool
&
20 % Nylon 6.6

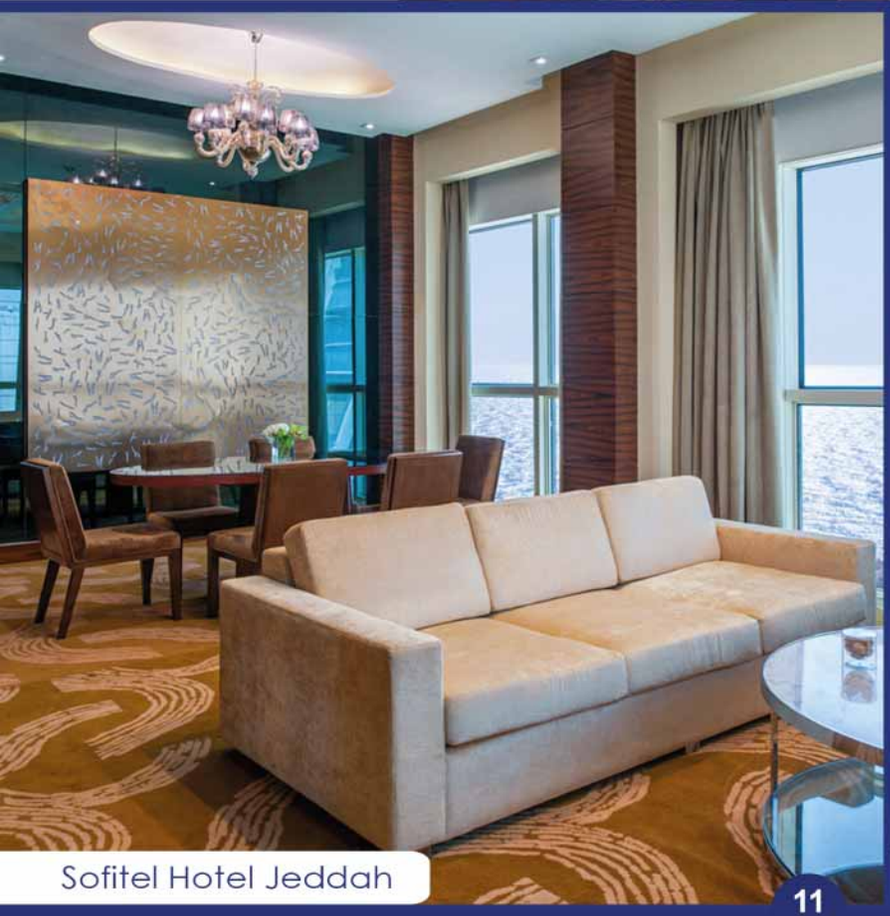
Petra 5

Petra 7

Petra 8



Sofitel Hotel Jeddah



Sofitel Hotel Jeddah

Hotel Corridor

SPECIFICATION PETRA 5

Quality	Woven Wilton
Composition	80% WOOL 20% NYLON
Warp Density (Reed)	315 per meter
Weft Density (Picks)	500per meter
Pile Points	315,000/Sq. mtr
Knots	157,500 /Sq. mtr
Pile Height	8 mm
Total Thickness	10 mm
Total Pile Weight	1570 g/Sq. mtr
Total Product Weight	2621 g/Sq. mtr
Backing Yarns	Cotton /polyester & Polyester Yarns
Weft yarns	Jute

SPECIFICATION PETRA 7

Quality	Woven Wilton
Composition	80% WOOL 20% NYLON
Warp Density (Reed)	315 per meter
Weft Density (Picks)	700per meter
Pile Points	441,000/Sq. mtr
Knots	220,500 /Sq. mtr
Pile Height	8 mm
Total Thickness	10 mm
Total Pile Weight	2095 g/Sq. mtr
Total Product Weight	3186 g/Sq. mtr
Backing Yarns	Cotton /polyester & Polyester Yarns
Weft yarns	Jute

SPECIFICATION PETRA 8

Quality	Woven Wilton
Composition	80% WOOL 20% NYLON
Warp Density (Reed)	315 per meter
Weft Density (Picks)	800per meter
Pile Points	504,000/Sq. mtr
Knots	252,000 /Sq. mtr
Pile Height	8 mm
Total Thickness	10 mm
Total Pile Weight	2629 g/Sq. mtr
Total Product Weight	3850 g/Sq. mtr
Backing Yarns	Cotton /polyester & Polyester Yarns
Weft yarns	Jute

Wilton Carpet

100 %
PP-H.T.S

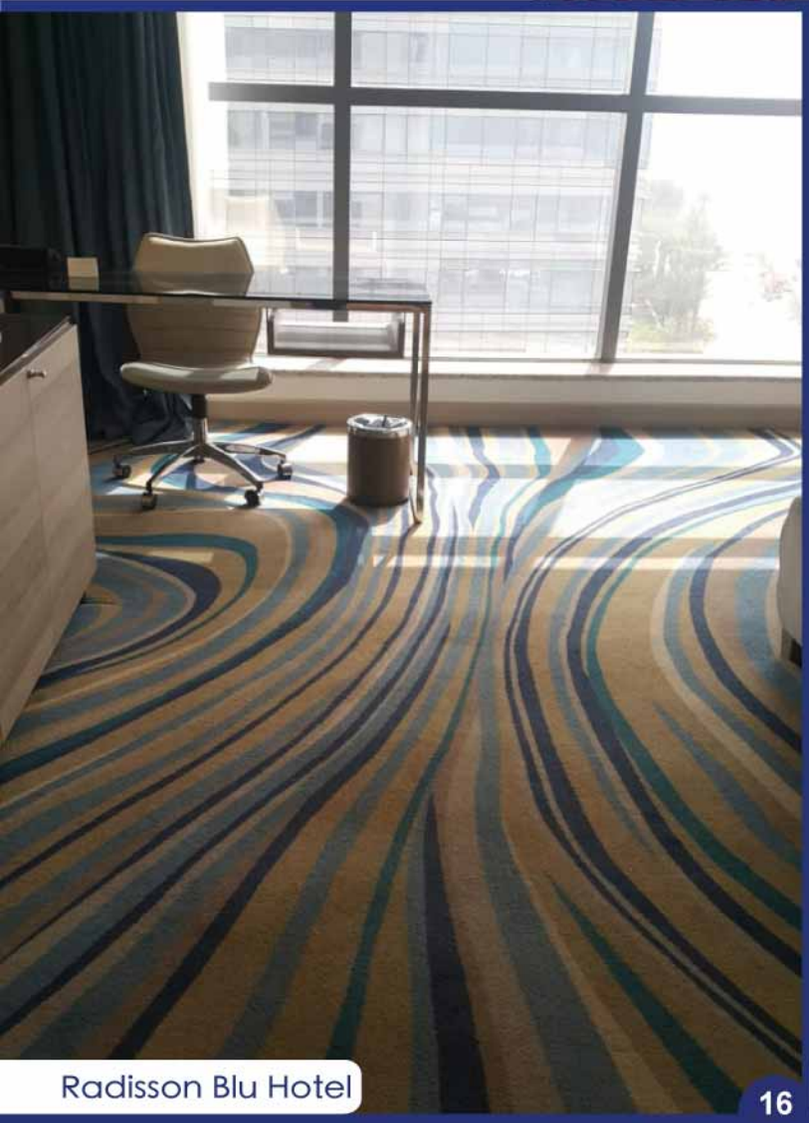
AL Noor

Sportage

Qayrwan

Alsehaily Restaurant Jeddah

Civil of Aviation



Radisson Blu Hotel

Radisson Blu Hotel

TECHNICAL DATA SHEET AL NOUR

Quality	Woven Wilton
Composition	100 % Polypropylene, Heat Set Yarns
Warp Density (Reed)	393 per meter
Weft Density (Picks)	700 per meter
Pile Points	550,200 /Sq. mtr
Knots	275,100 /Sq. mtr
Pile Height	10.5 mm
Total Thickness	12.5 mm
Total Pile Weight	2040 g/Sq. mtr
Total Product Weight	3069 g/Sq. mtr
Backing Yarns	Polyester Yarns
Weft yarns	Jute

Specification For Wilton SPORTAGE

Quality	Woven Wilton
Composition	100 % Polypropylene, Heat Set Yarns
Warp Density (Reed)	393 per meter
Weft Density (Picks)	900 per meter
Pile Points	707400 /Sq. mtr
Knots	353700 /Sq. mtr
Pile Height	10.5 mm
Total Thickness	12.5 mm
Total Pile Weight	2447 g/Sq. mtr
Total Product Weight	3469 g/Sq. mtr
Backing Yarns	Polyester Yarns
Weft yarns	Jute

Specification For Wilton QAYRWAN

Quality	Woven Wilton
Composition	100 % Polypropylene, Heat Set Yarns
Warp Density (Reed)	393 per meter
Weft Density (Picks)	1100 per meter
Pile Points	864600 /Sq. mtr
Knots	432300 /Sq. mtr
Pile Height	12 mm
Total Thickness	14 mm
Total Pile Weight	3427 g/Sq. mtr
Total Product Weight	4247 g/Sq. mtr
Backing Yarns	Polyester Yarns & Polyester/ cotton
Weft yarns	Jute

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Wilton Carpet

Acrylic

Taqwa 7

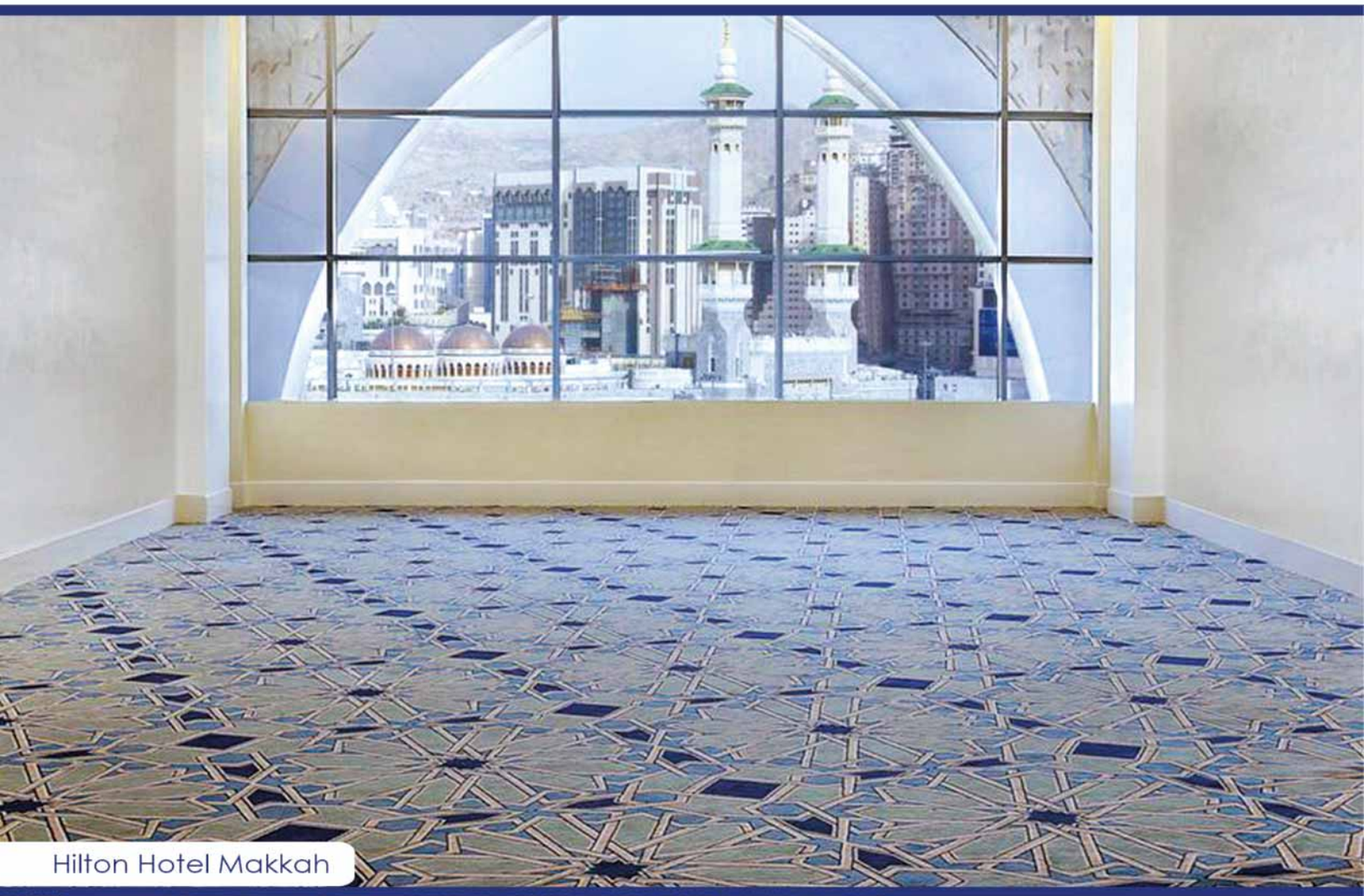
Taqwa 8

Taqwa 9

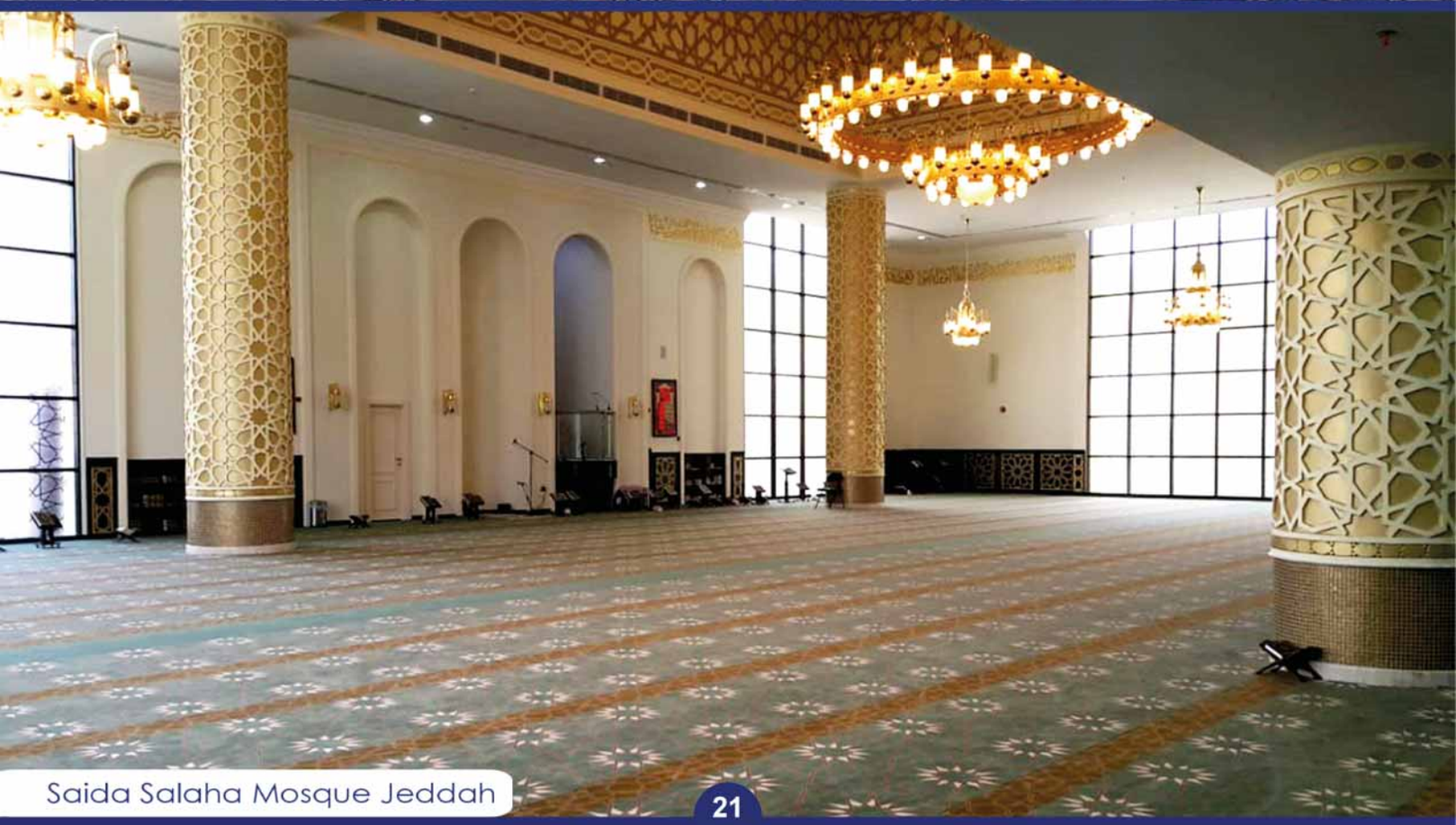
Taqwa 10

Taqwa 11

Taqwa 12



Hilton Hotel Makkah



Saida Salaha Mosque Jeddah

Technical Data Sheet - TAQWA 7

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	700 per meter
Pile Points	672,000 /Sq. mtr
Knots	336,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	2359 g/Sq. mtr
Total Product Weight	3405 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

Technical Data Sheet - TAQWA 8

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	800 per meter
Pile Points	768,000 /Sq. mtr
Knots	384,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	2580 g/Sq. mtr
Total Product Weight	3534 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

Technical Data Sheet - TAQWA 9

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	900 per meter
Pile Points	864,000 /Sq. mtr
Knots	432,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	2870 g/Sq. mtr
Total Product Weight	3906 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

Technical Data Sheet - TAQWA 10

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	1000 per meter
Pile Points	960,000 /Sq. mtr
Knots	480,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	3202 g/Sq. mtr
Total Product Weight	4125 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

Technical Data Sheet - TAQWA 11

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	1100 per meter
Pile Points	1,056,000 /Sq. mtr
Knots	528,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	3574 g/Sq. mtr
Total Product Weight	4425 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

Technical Data Sheet - TAQWA 12

Quality	Woven Wilton
Composition	100 % Acrylic Yarns
Warp Density (Reed)	480 per meter
Weft Density (Picks)	1200 per meter
Pile Points	1,152,000 /Sq. mtr
Knots	576,000 /Sq. mtr
Pile Height	11.5 mm
Total Thickness	13.5 mm
Total Pile Weight	3879 g/Sq. mtr
Total Product Weight	4803 g/Sq. mtr
Backing Yarns	Polyester/Cotton & Polyester yarns
Weft yarns	Jute yarn

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Tufting Carpet

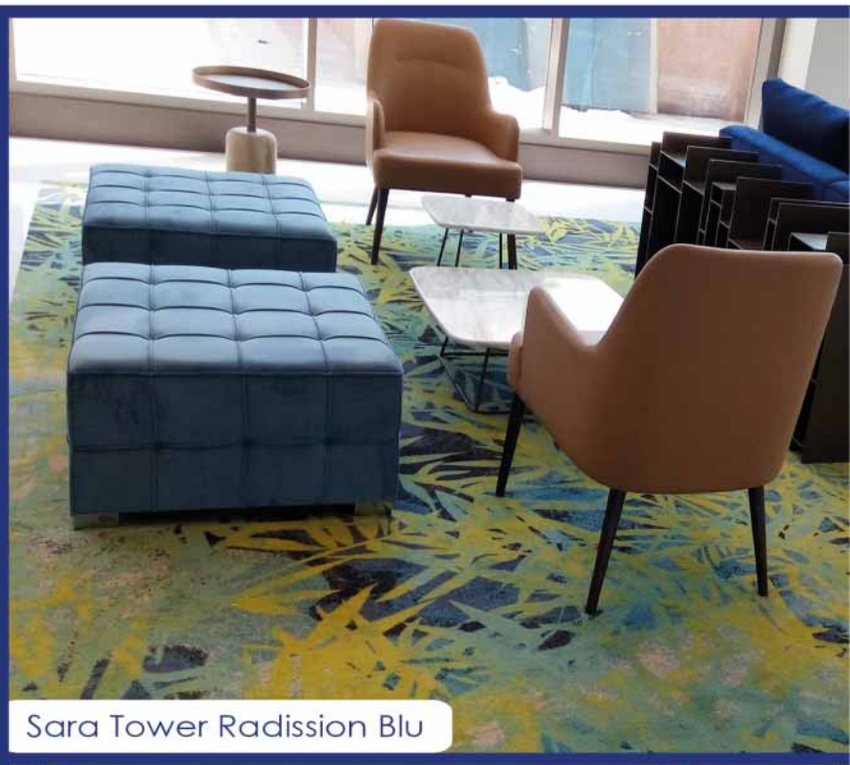
80 % Wool
&
20 % Nylon 6.6

CH 7711

CH 7712

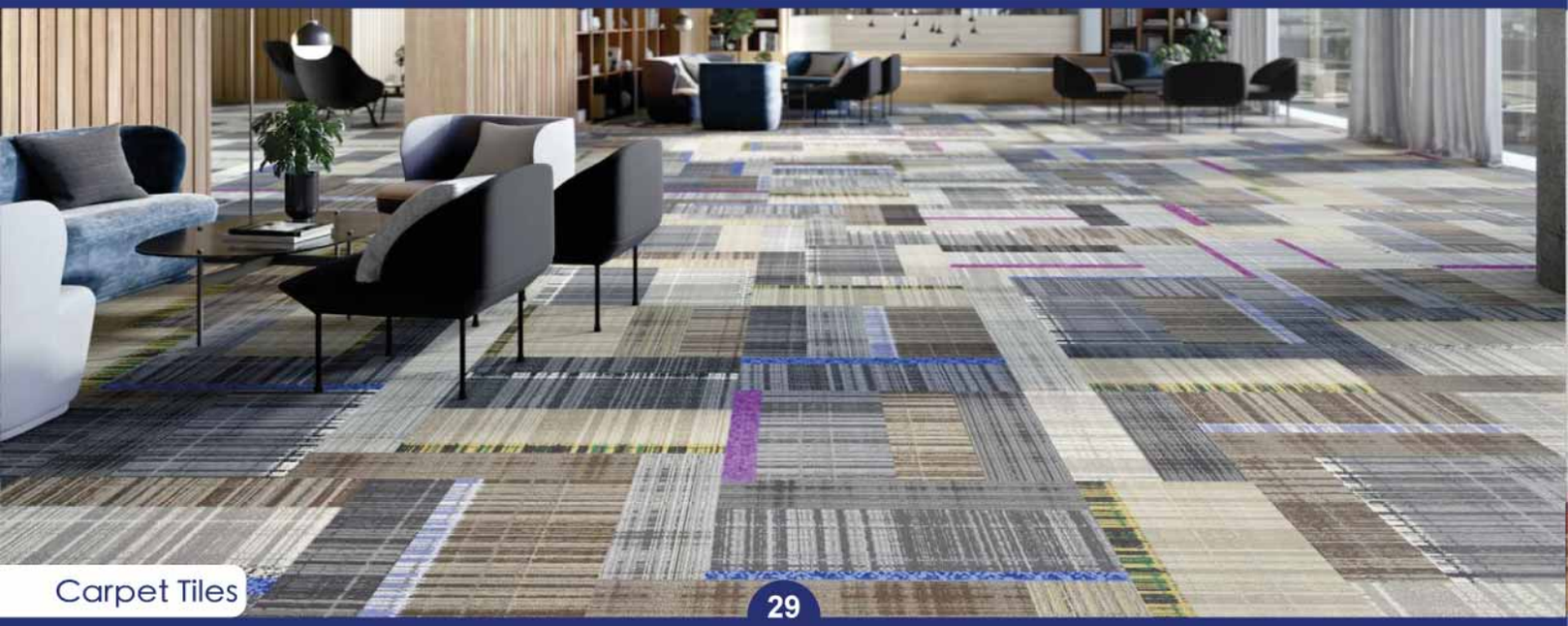
CH 7713

Golden Tulip Hotel Riyadh



Sara Tower Radission Blu

Rotana Hotel Dubai



Carpet Tiles

SPECIFICATIONS CH 7711

TECHNICAL SPECIFICATIONS	
Quality Name	7711
Manufacturing Process	Chromo Jet – Printed Wool
Pile Composition	80% Wool/20 % PA 6,6
Pile Height	7.5 mm (± 0.5 mm)
Total Thickness	11 mm (± 0.5 mm)
Gauge	1/8”
Stitch	34 per 10 cm (± 0.5)
Pile Weight	850 g/Sq. mtrs (± 5%)
Total Weight	1913 g/Sq. mtrs (± 5%)
Density	107,087 per Sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	TAN TAN 160 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 4.5 / Dry – 4.5
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.51 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 266
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 363
Surface Flammability ASTM D 2859	Passes the Federal Flammability Standard DOC FF 1-70
Breaking Load ASTM D 2646-10	Warp (Length) – 164.2 Lbs./ Fill (Width) – 168.7 Lbs.

SPECIFICATIONS CH 7712

TECHNICAL SPECIFICATIONS	
Quality Name	7712
Manufacturing Process	Chromo Jet – Printed Wool
Pile Composition	80% Wool/20 % PA 6,6
Pile Height	7.5 mm (± 0.5 mm)
Total Thickness	11 mm (± 0.5 mm)
Gauge	1/8"
Stitch	38 per 10 cm (± 0.5)
Pile Weight	1000 g/Sq. mtrs (± 5%)
Total Weight	2063 g/Sq. mtrs (± 5%)
Density	119,685 per Sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	TAN TAN 160 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 4.5 / Dry – 4.5
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.51 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 266
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 363
Surface Flammability ASTM D 2859	Passes the Federal Flammability Standard DOC FF 1-70
Breaking Load ASTM D 2646-10	Warp (Length) – 164.2 Lbs./ Fill (Width) – 168.7 Lbs.

SPECIFICATIONS CH 7713

TECHNICAL SPECIFICATIONS	
Quality Name	7713
Manufacturing Process	Chromo Jet – Printed Wool
Pile Composition	80% Wool/20 % PA 6,6
Pile Height	8.5 mm (± 0.5 mm)
Total Thickness	12 mm (± 0.5 mm)
Gauge	1/8"
Stitch	44 per 10 cm (± 0.5)
Pile Weight	1250 g/Sq. mtrs (± 5%)
Total Weight	2313 g/Sq. mtrs (± 5%)
Density	138,582 per sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	TAN TAN 160 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 4.5 / Dry – 4.5
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.51 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 266
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 363
Surface Flammability ASTM D 2859	Passes the Federal Flammability Standard DOC FF 1-70
Breaking Load ASTM D 2646-10	Warp (Length) – 164.2 Lbs./ Fill (Width) – 168.7 Lbs.

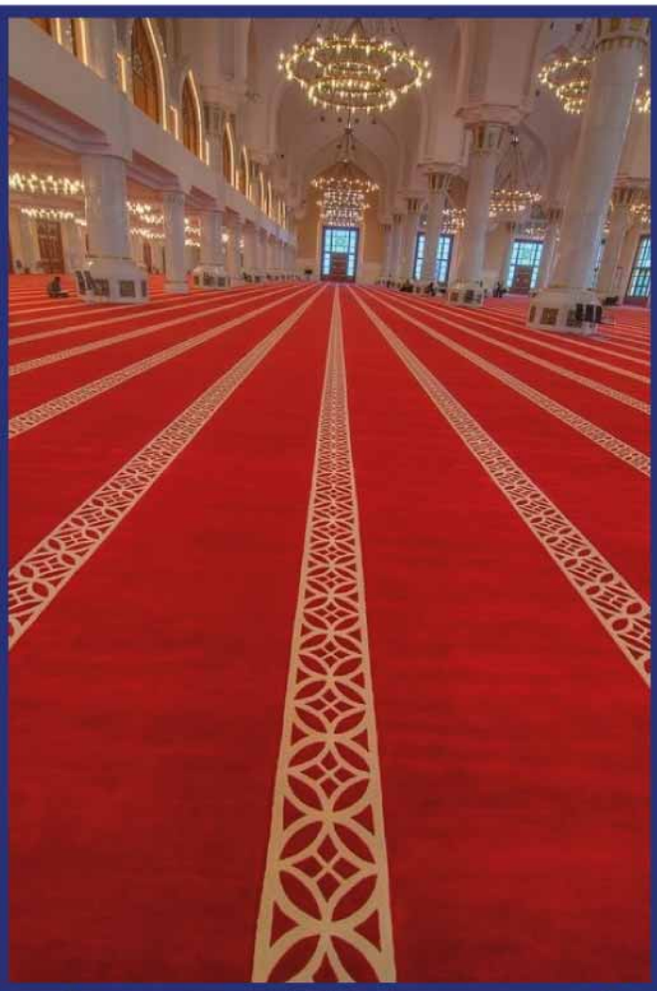
Tufting Carpet

Semi dull Nylon

3720

3721

3722



Technical Data Sheet - NYLON SEMI DULL 3720

TECHNICAL SPECIFICATIONS	
Quality Name	Nylon Semi Dull 3720
Manufacturing Process	Chromo Jet – Nylon Print (S0988)
Pile Composition	100 % Nylon PA 6
Pile Height	6 mm (± 0.5 mm)
Total Thickness	9 mm (± 0.5 mm)
Gauge	1/10"
Stitch	46 per 10 cm (± 0.5)
Pile Weight	850 g/Sq. mtrs (± 5%)
Total Weight	2103 g/Sq. mtrs (± 5%)
Density	181,240 per sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	Felt Back White 350 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 5 / Dry – 5
Fiber Identification AATCCC 20	Nylon
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.62 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 121
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 110
British Spill Test Method E	Passes: No penetration occurred into the backing
Classification of Pile Carpets EN 1307	Overall use class: 33 (For highest heavy commercial use)

Technical Data Sheet - NYLON SEMI DULL 3721

TECHNICAL SPECIFICATIONS	
Quality Name	Nylon Semi Dull 3721
Manufacturing Process	Chromo Jet – Nylon Print (S0989)
Pile Composition	100 % Nylon PA 6
Pile Height	8 mm (± 0.5 mm)
Total Thickness	11 mm (± 0.5 mm)
Gauge	1/10"
Stitch	49 per 10 cm (± 0.5)
Pile Weight	1160 g/Sq. mtrs (± 5%)
Total Weight	2263 g/Sq. mtrs (± 5%)
Density	192,913 per sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	Nova Felt White 200 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 5 / Dry – 5
Fiber Identification AATCCC 20	Nylon
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.62 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 121
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 110
British Spill Test Method E	Passes: No penetration occurred into the backing
Classification of Pile Carpets EN 1307	Overall use class: 33 (For highest heavy commercial use)

Technical Data Sheet - NYLON SEMI DULL 3722

TECHNICAL SPECIFICATIONS	
Quality Name	Nylon Semi Dull 3722
Manufacturing Process	Chromo Jet – Nylon Print (S0990)
Pile Composition	100 % Nylon PA 6
Pile Height	9 mm (± 0.5 mm)
Total Thickness	12 mm (± 0.5 mm)
Gauge	1/10"
Stitch	54 per 10 cm (± 0.5)
Pile Weight	1400 g/Sq. mtrs (± 5%)
Total Weight	2653 g/Sq. mtrs (± 5%)
Density	212,760 per sq. mtrs
Primary Backing	Polypropylene Woven 103 grams
Secondary Backing	Felt Back White 350 grams
Color Variety	Any color
TEST RESULTS	
Colorfastness to Crocking AATCC 165	Wet – 5 / Dry – 5
Fiber Identification AATCCC 20	Nylon
Electrostatic Propensity (Antistatic) AATCC 134	Max Avg. – 2.3 KV Negative (Permanent)
Critical Radiant Flux ASTM E648	Avg. – 0.62 Watts/Sq. cm (Meeting Class 1 rating as specified in NFPA Life Safety Code 101)
Smoke Density (Flaming) ASTM E 662	Avg. max density corrected - 121
Smoke Density (Non-Flaming) ASTM E 662	Avg. max density corrected - 110
British Spill Test Method E	Passes: No penetration occurred into the backing
Classification of Pile Carpets EN 1307	Overall use class: 33 (For highest heavy commercial use)

Underlay

1- Foam (Glued)

2- Felt (Stretched Carpet)

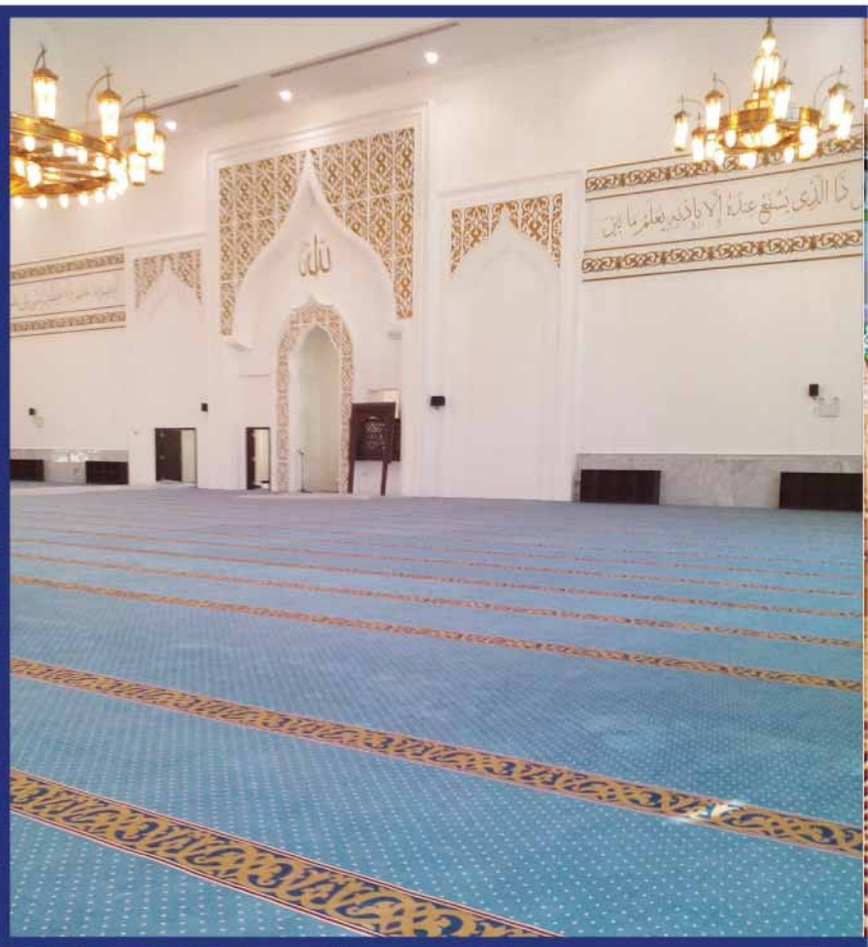
3- Tex - felt (Stretched Carpet)

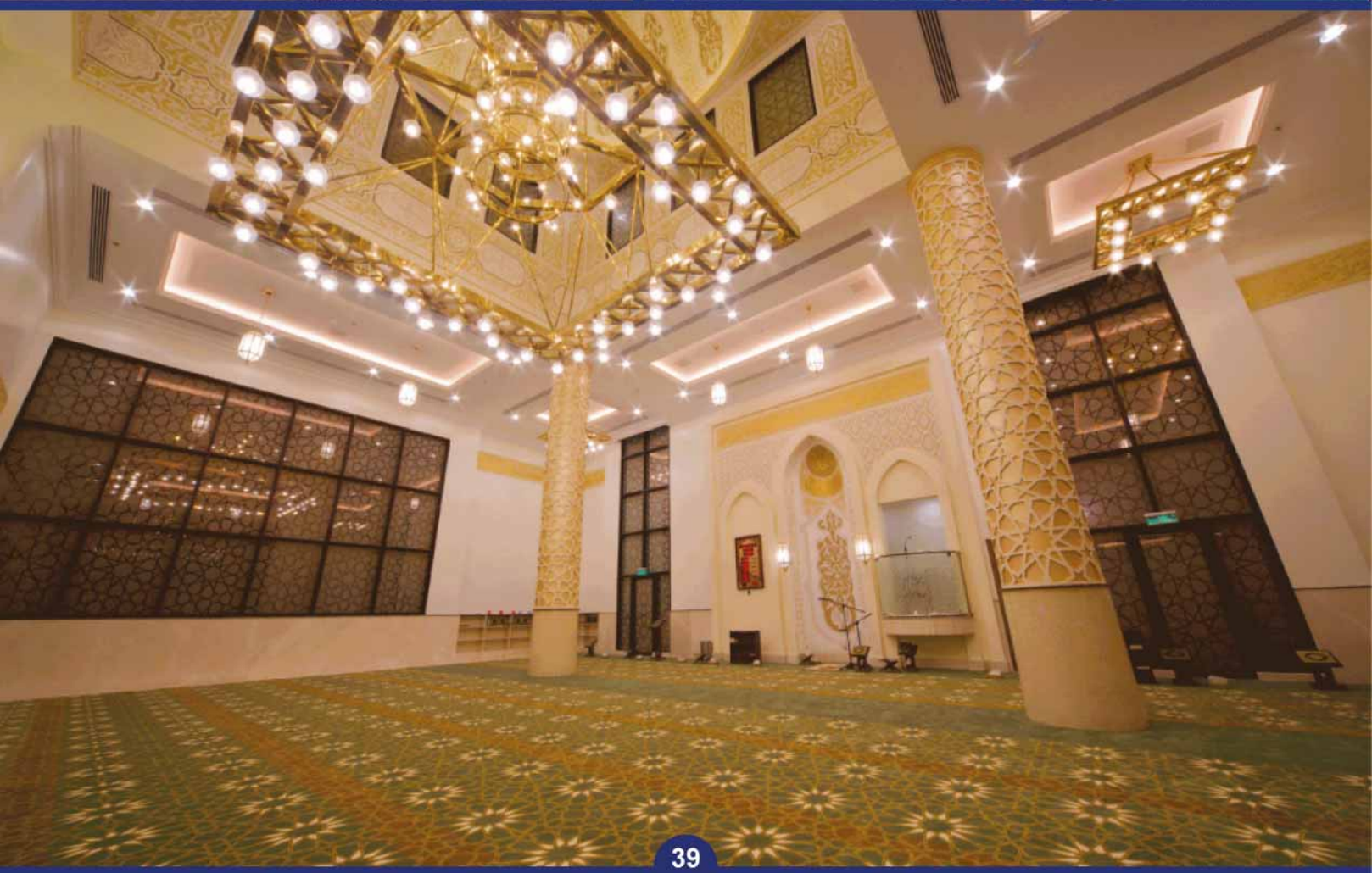
4- Rubber - Step 100 (Stretched Carpet)

5- FR-7

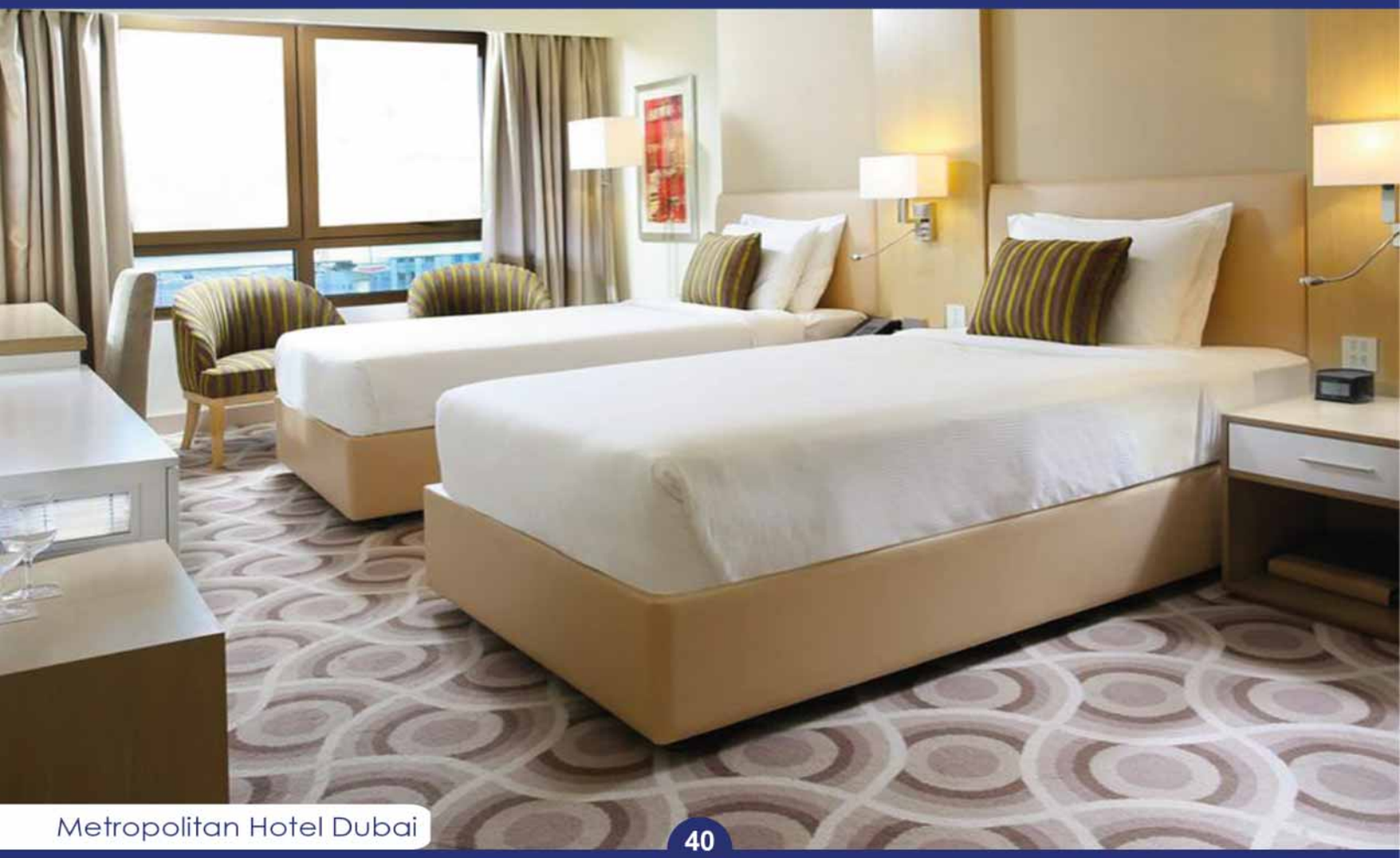
6- Rubber - Dynamic (Stretched Carpet)

7- Rubber - Technic-6 (Doublestick)





Muvi Cinema



Metropolitan Hotel Dubai

Specification for Quality "SCD FELT"

Quality	SCD FELT
Type	Felt Underlay
Construction	Blend of Approx. 50% Wool & 50% Synthetic
Total Weight	1100 Grams per Sqm.
Thickness	8 mm.
Flammability	As per German Industrial Norm. DIN 54332/66081;Result:T.A=5 Retardant Because of High Wool Contents.
British Standard Class	
BS 5808: 1991	G/DU: General Domestic Use.
Roll Lengths	Approx. 20 Meters
Packing	PE Sheet.
Width	200 Cm.

Note: SCD FELT Carpet underlay are isolating and sound absorbent. Suitable for castor chairs when carpet used is castor chair Suitable.

Specification for Quality "TEXT FELT"

Quality	TEXT FELT (Made in UK)
Type	Felt Underlay
Construction	Recycled Wool, Jute & mixed fibers
Total Weight ±10%	±1150 g/m2
Thickness ± 10%	±9.5 mm.
Flammability BS4790	Pass - Low Radius
Classification BS 5808	HC/U
Roll Dimension	11m x 1.37m = 15.07 sqmt
Carbon footprint per roll 345g of co2/kg of product	5810g
BS4745 Thermal Insulation	2.79Tog
BS EN ISO 140.8:1998 Impact Sound Reduction	27dB

BS EN20354:1993/ISO 354:1985 – TP14 Acoustic Performance, Practical Absorption Coefficient 250

250	500	1000	2000	4000
0.2	0.5	0.85	0.9	0.85

STEP 100

Underlay Technical Specification

Item Code: TASTEP100

Issue Date: 22/03/2019

Issue No. 7

Sponge Rubber
Suitable for the stretch-fit installation of carpets
End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): GD/U,General Domestic Use

Standard Specifications*

Nominal square weight	3017 g/m² (89 oz/yd²)	
Nominal roll weight	45.5 kg	
Nominal roll area	15.07 m² (1.37m x 11.0m)	
Nominal thickness	8.90 mm	ISO 1765

BS 5808: 1991

End Use Classification	GD/U, General Domestic Use	
Work of compression (Min. 50 J/m² Max. 200 J/m²)	115 J/m²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	73 %	BS 4098 & ISO 2094
Compression after Dynamic loading	6.1 mm	BS 4098 & ISO 2094
Loss in thickness after Dynamic loading (max 15%)	4.6 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	5.5 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Flammability

Hot metal nut test (tested in Interfloor laboratory)	Low radius of effects of ignition	BS 4790 & BS 5287
Russian GOST FR Test	Classification KM5	GOST 30244-94, GOST 30402-96 GOST 51032-97, GOST 12.1.044-89 (item 4.18) GOST 12.1.044-89 (item 4.20)

Other Specifications

Odour	No objectionable odour	
Antimicrobial and mildew resistant	Yes	
Colour / backing	Green / unprinted Textron® backing	
Packaging	White film / red print	
Thermal resistance	1.32 togs	BS 4745
Impact sound reduction (Delta Lw)	38 dB ‡	BSEN ISO 140-8: 1998 and BSEN ISO 717-2: 1997
Emissions (US Carpet & Rug Institute)	Meets low VOC emission criteria	

Certification

CRI GREEN LABEL +PLUS carpet-rug.org

Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015

‡ Value derived from similar product test results

interfloor

Interfloor Ltd., Broadway, Haslingden, Rossendale, Lancashire, BB4 4LS.
Tel: +44(0)1706 213131 Fax: +44(0)1706 214737 Web: www.interfloor.com
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Underlay Technical Specification

Item Code: TAFR7

Issue Date: 22/03/2019

Issue No. 2

Polyurethane Rebond
Suitable for flame retardant applications
Suitable for the stretch-fit and double-stick installation of carpets
End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use

Standard Specifications*

Nominal density	145 kg/m³	
Nominal square weight	1015 g/m² (30 oz/yd²)	
Nominal roll weight	15.30 kg (33.7 lbs)	
Nominal roll area	15.07m² (1.37m x 11.00m)	
Nominal thickness	7.00mm (0.28")	ISO 1765

BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Work of compression (Min. 50 J/m² Max. 200 J/m²)	>140 J/m²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	>90 %	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	<5 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	<5 %	ISO 3415/3416 & BS 4939
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808
Hot metal nut test (tested in Interfloor laboratory)	Pass	BS 4790 & BS 5287
Breaking strength (length/width) min. 30N	>90N / >50N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15%@ 30N	<10% / <10%	EN ISO 13394 BS 2576

Flammability

Hot metal nut test	Low radius of effects of ignition	BS 4790 & BS 5287
Critical radiant flux	Category 1 (0.53W/cm²)	ASTM E648 / NFPA253
Reaction to fire classification	Bfl-s1	ENISO9239-1 & 11925-2, rated to EN13501-1
China National FR Test (at China National Test Centre)	Bf1 – s1,t1	GB/T8628-2007, GB/T11785-2005, GB/T20285-2006
Russian GOST FR Test	Classification KM3	GOST 30244-94, GOST 30402-96, GOST 51032-97, GOST 12.1.044-89 (item 4.18),
		GOST 12.1.044-89 (item 4.20)

Certification

Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015

‡ Value derived from similar product test results

interfloor

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Underlay Technical Specification

Item Code: TADYNAMICS2

Issue Date: 23/03/2020

Issue No. 10

Sponge Rubber Textured Flat
Suitable for the stretch-fit installation of carpets
End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): L/U, Luxury Use

Outline Specification*s

Nominal thickness	9.4mm (0.37")	ISO 1765
Nominal square weight	3458 g/m² (102 oz/yd²)	
Nominal density	368kg/m³ (22.97lbs/ft³)	
Nominal roll weight	37.9 kg (84 lbs)	
Nominal roll area	10.96m² (1.33m x 8.24m) ; 13.11 yd² (53.94" x 314.96")	

BS 5808: 1991 / EN14499 : 2015

End Use Classification	L/U, Luxury Use	
Work of compression (Min. 50 J/m² Max. 200 J/m²)	138 J/m²	BS 4098 & ISO 2094
Retention of work of compression (min 40%)	75 %	BS 4098 & ISO 2094
Compression after dynamic loading	4.5 mm	BS 4098 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	4.5 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	7.8 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	182N / 126N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15%@ 30N	2.2% / 1.0%	
Resistance to cracking (not greater than 50mm)	Pass	EN 14499 & BS 5808

Test Performance to US Standards

CFD (Compression Force Deflection)	1.5 PSI @ 25% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	3.0 PSI @ 50% deflection.	ASTM D3676-13 Method: 601/12151
CFD (Compression Force Deflection)	6.4 PSI @ 65% deflection.	ASTM D3676-13 Method: 601/12151
Recommended Use	Heavy Class II	US Carpet Cushion Council

Certification

Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015

‡ Value derived from similar product test results

interfloor

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Underlay Technical Specification

Item Code: TATECH6

Issue Date: 01/10/2020

Issue No. 11

Sponge Rubber (Flat).
Suitable for underfloor heating. Suitable for flame retardant applications.
Suitable for the double-stick and stretch-fit installation of carpets.
End Use Classification (BS 5808: 1991 / BS EN 14499 : 2015): HC/U, Heavy Contract Use.

Outline Specification*

Nominal thickness	6.00 mm (0.236")	ISO 1765
Nominal square weight	3153 g/m² (93.0 oz/sq.yd.)	
Nominal density	525.45 kg/m³ (32.8 lbs/cu.ft)	
Nominal roll weight	47.5 kg (104.5 lbs)	
Nominal roll area	15.07 m² (1.37m x 11.0m); 18.02 sq.yd (53.9" x 36' 1.1".)	

Test Performance to BS 5808: 1991 / EN14499 : 2015

End Use Classification	HC/U, Heavy Contract Use	
Work of compression Minimum 50 J/m²	119 J/m²	BS 4908 & BS 4052 & ISO 2094
Retention of work of compression (min 40%)	86 %	BS 4908 & BS 4052 & ISO 2094
Compression after dynamic loading	3.0 mm	BS 4908 & BS 4052 & ISO 2094
Loss in thickness after dynamic loading (max 15%)	3.80 %	BS 4052 & ISO 2094
Loss in thickness after static loading (max 15%)	4.20 %	ISO 3415/3416 & BS 4939
Breaking strength (length/width) min. 30N	282N / 162N	EN ISO 13394 BS 2576
Extension under force (length/width) max. 15%@ 30N	0.8% / 0.5%	EN ISO 13394 BS 2576
Resistance to cracking (not greater than 50 mm)	Pass	EN 14499 & BS 5808

Test Performance to US Standards

CFD (Compression Force Deflection)	5.0 PSI @ 25% deflection. Method: 601/12151	ASTM D3676-13
CFD (Compression Force Deflection)	14.7 PSI @ 50% deflection. Method: 601/12151	ASTM D3676-13
CFD (Compression Force Deflection)	53.1 PSI @ 65% deflection. Method: 601/12151	ASTM D3676-13
Recommended Use	Extra Heavy Commercial Class III	US Carpet Cushion Council

Certification

Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Notes

* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015

‡ Value derived from similar product test results

interfloor

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Underlay Technical Specification

Item Code: TATECH6

Issue Date: 01/10/2020

Issue No. 11

Certification

Guarantee

Guaranteed for the serviceable lifetime of the carpet when used in accordance with the End Use Classification.

Flammability

Hot metal nut test	Low radius of ignition	BS 4790 & BS 5287
US Methenamine Pill Test	Pass	Pill Test DOC-FF 1-70
US Smoke Chamber Test	Pass	ASTM E662/NFPA 258
US Critical radiant flux NFPA	Class I	NFPA 253 / ASTM E648-03
Reaction to fire classification (Tested in conjunction with Axminster 80:20 carpet)	Bfl-s1	Tested to ENISO9239-1 &11925-2, rated to EN13501-1
China National FR Test (at China National Test Centre)	C – s1,t0	GB/T8626-2007, GB/T11785-2005, GB/T20285-2006
Russian GOST FR Test	Classification KM3	Cert. No. 0007622

Other Properties and Test Performance

Odour	No objectionable odour	
Emissions	Accreditation #0754	US CRI Green Label Plus Programme
French VOC Emission Regulations	Complies A+	Decree DEVL1101903D/ Amended DEVL1104875A
Antimicrobial and mildew resistant	Pass	ASTM G21
Colour / backing	Black / Printed Textron® backing	
Packaging	Grey film / red print	
Thermal resistance (European Units) R value (SI Unit) R Value (USA Unit)	0.66 togs 0.066 (W/M.K) 0.3748 Btu/(hr·ftF)	BS 4745
Impact sound reduction (Delta Lw)	34dB	BS EN ISO 10140-3:2010

GREEN CREDENTIALS

Green Features	Description	LEED Programme
Recyclable	At the end of the underlays useful life it can be 100% recycled	MR 2.0: Points Available It can be recycled
Recycled Content	Contains not less than 3% pre-consumer recycled material	MR 4.0: Points Available Recycled Content
Indoor Air Quality	Meets or exceeds the industry standard for indoor air quality as established by the CRI Green Label Programme	IEQ 4.3: Points Available Product is Green Label Plus Certified
Regional Materials	Production Facility Haslingden BB4 4LS, UK Where used within 500 miles of Production Facility	MR 5.0: Points Available

LEED points must be considered along with other building components and must be determined by the specifier/architect or LEED accredited professional

Recycled Content

Post Consumer	0%
Pre Consumer	3%
Virgin	97%

Notes

* The nominal roll dimensions have been quoted. These may vary slightly but will comply with the requirements of BS EN 14499:2015

‡ Value derived from similar product test results

interfloor

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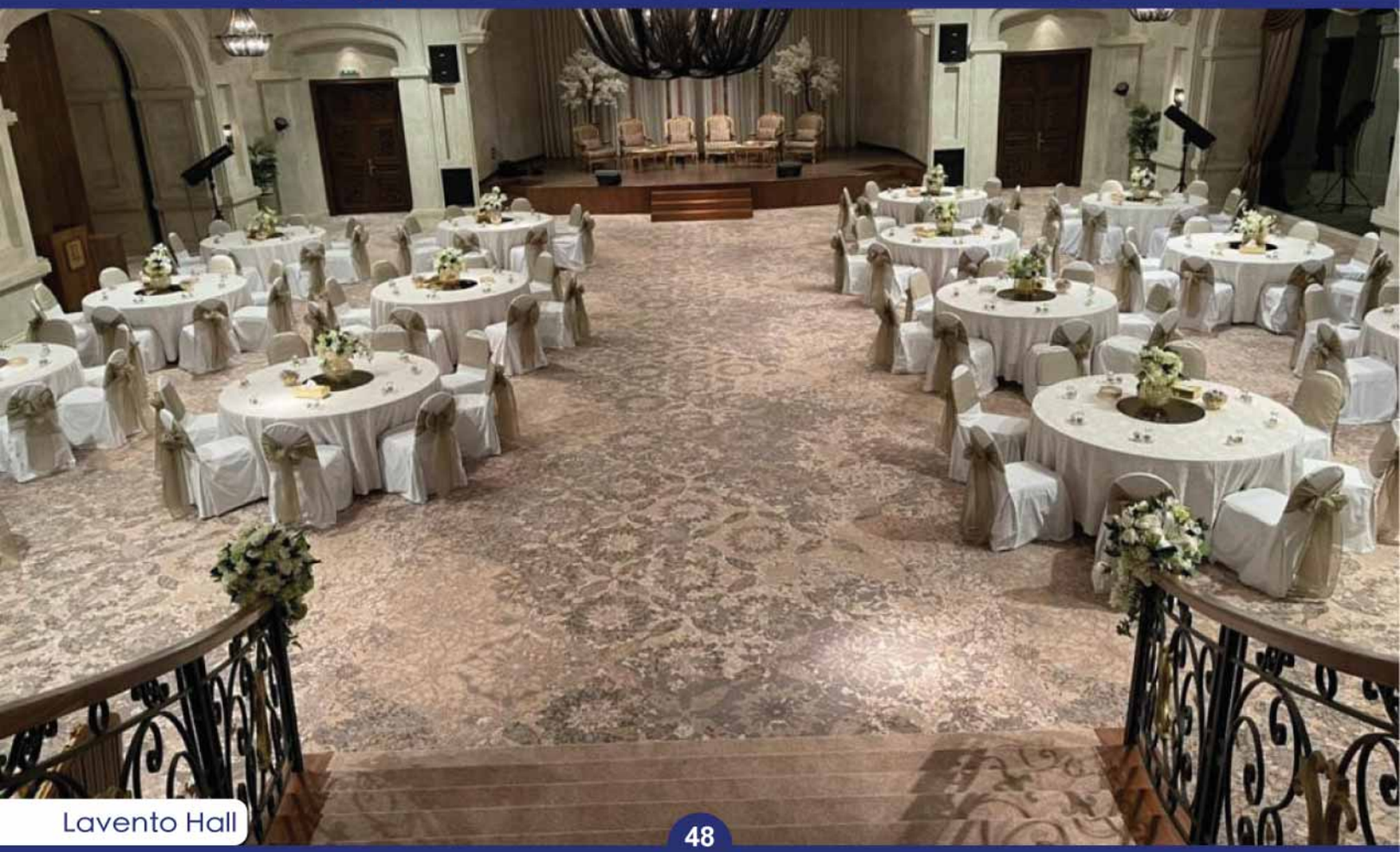
Hotel Corridor

Holidy Inn Jeddah



Lavento Hall

Test Reports

intertek
Total Quality. Assured.

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

Al-Sorayai Trading & Industrial Group Co.

Main Site: Phase 4 – Jeddah Industrial City 1, P.O. Box 31279, Jeddah 21497, Kingdom of Saudi Arabia

has been registered by Intertek as conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

The Design and Manufacture of Yarn, Carpets, Rugs & Artificial grass

Certificate Number:
0093191

Initial Certification Date:
28 July 2019

Date of Certification Decision:
28 July 2019

Issuing Date:
28 July 2019

Valid Until:
27 July 2022

ISO 9001:2015 CERTIFICATION™
Intertek

UKAS MANAGEMENT SYSTEMS
014

Calin Moldovean
President, Business Assurance

Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom

Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.

Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 05-12-2014 **TEST NUMBER:** 0208093

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 107 Colorfastness to Water

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Ax 7/8
CONSTRUCTION	Cut Pile
FIBER	80/20 Wool/Nylon
BACKING	Woven

GENERAL PRINCIPLE

This method is designed to measure the resistance to water of dyed, printed or otherwise colored textile yarns and fabrics. A wet test specimen is covered by multifiber cloth and pressed between plastic plates under specified conditions of pressure, temperature and time. The test specimen is rated for color change and the multifiber cloth is rated for stain.

TEST RESULTS

TEST SPECIMEN	RATING
Contract Wool Ax 7/8	5.0

MULTIFIBER CLOTH	RATING
1 – Spun Acetate	5.0
2 – Bleached Cotton	5.0
3 – Spun Nylon 6,6	5.0
4 – Spun Silk	5.0
5 – Spun Viscose	5.0
6 – Worsted Wool	5.0

AATCC RATING KEY	
5	No change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

APPROVED BY: Gary Ashury

714 Glenwood Place Dalton, GA 30721 Phone: 706-226-3283 Fax: 706-226-6787 email: protest@optilink.us

Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 05-12-2014 **TEST NUMBER:** 0208093

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 134 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Ax 7/8
CONSTRUCTION	Cut Pile
FIBER	80/20 Wool/Nylon
BACKING	Woven

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

	TEST CONDITIONS
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2° F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	40 Ounce Rubberized Jute/Hair Pad

TEST RESULTS

Mode	Day 1		Day 2		Average		Polarity
Step- Neolite	4.1	kv	4.0	kv	4.1	kv	Negative
Step- Leather	0.2	kv	0.4	kv	0.3	kv	Negative
Scuff - Neolite	5.1	kv	5.3	kv	5.2	kv	Negative
Scuff - Leather	0.7	kv	0.9	kv	0.8	kv	Positive
Maximum Average		**kv**	**Negative**				

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Asbury

NVLAP®

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 05-12-2014 **TEST NUMBER:** 0208093

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM F970 Standard Test Method for Static Load Limit

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Ax 7/8
CONSTRUCTION	Cut Pile
FIBER	80/20 Wool/Nylon
BACKING	Woven

GENERAL PRINCIPLE

This test determines the recovery properties of resilient floor covering after long term indentation test (24 hours) under a specified load.

PROCEDURE

The test sample is conditioned to equilibrium at 73° F and 50% relative humidity. The initial thickness of the sample is determined using a dial micrometer with a flat presser foot .250 inches in diameter. A specified load is applied to the sample over a 1.125 inch diameter indentor foot for 24 hours. After removal of the load, the sample is allowed to recover for 24 hours. The sample is regauged using the .250 inch diameter presser foot. The difference between the two measurements is reported as the residual compression.

TEST RESULTS

SPECIFIED LOAD	RESIDUAL COMPRESSION
125 Lbs.	0.131 Inch

APPROVED BY: Gary Ashury

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TEST REPORT

DATE: 05-12-2014 **TEST NUMBER:** 0208093

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70) also referenced as ASTM D2859

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Ax 7/8
CONSTRUCTION	Cut Pile
FIBER	80/20 Wool/Nylon
BACKING	Woven

GENERAL PRINCIPLE

This test method is intended to measure the response 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 whether constructed from natural or man-made materials.

TEST CRITERION

The uncharred area of the test specimen must be greater than one inch in at least seven of the eight specimens tested in order to meet the acceptance criterion.

TEST RESULTS

	SPECIMEN NUMBER							
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Uncharred Area (Inches)	3.5	3.5	3.6	3.6	3.5	3.4	3.4	3.5

NOTE: This sample was tested on the face side.

This sample *PASSES* the Federal Flammability Standard DOC FF 1-70.

APPROVED BY: Gary Ashury

NVLAP®

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 08-15-2014 **TEST NUMBER:** 0210536

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 134 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	AX 7/8 4.00x1.50m
CONSTRUCTION	Cut Pile
FIBER	80% Wool/20% Nylon
BACKING	Woven
REFERENCE	

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

TEST CONDITIONS	
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2° F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	40 Ounce Rubberized Jute/Hair Pad

TEST RESULTS

Mode	Day 1		Day 2		Average		Polarity
Step- Neolite	2.0	kv	1.8	kv	1.9	kv	Negative
Step- Leather	0.5	kv	0.5	kv	0.5	kv	Positive
Scuff - Neolite	2.3	kv	2.1	kv	2.2	kv	Negative
Scuff - Leather	0.1	kv	0.1	kv	0.1	kv	Positive
Maximum Average	**2.2**	**kv**	**Negative**				

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Ashury

NVLAP®

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TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 16 Colorfastness to Light (Option 3)

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This test specimen is exposed to a predetermined amount of radiant energy under specified conditions of temperature and relative humidity. The lightfastness of the specimen is assessed by comparing the exposed and the unexposed portions of the test sample with the AATCC Gray Scale for Evaluating Color Change.

TEST RESULTS

EXPOSURE	40 AFU

IDENTIFICATION	RATING
Contract Wool Petra 7	3.5

IDENTIFICATION	RATING

IDENTIFICATION	RATING

AATCC RATING KEY	
5	No change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

APPROVED BY: Gary Cathey

NVLAP®

714 Glenwood Place Dalton, GA 30721 Phone: 706-226-3283 Fax: 706-226-6787 email: protest@optilink.us

Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 134 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

	TEST CONDITIONS
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2° F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	40 Ounce Rubberized Jute/Hair Pad

TEST RESULTS

Mode	Day 1		Day 2		Average		Polarity
Step- Neolite	1.8	kv	2.0	kv	1.9	kv	Positive
Step- Leather	2.1	kv	2.3	kv	2.2	kv	Positive
Scuff - Neolite	2.3	kv	2.5	kv	2.4	kv	Positive
Scuff - Leather	1.5	kv	1.9	Kv	1.7	kv	Positive
Maximum Average	**2.4**	**kv**	**Positive**				

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Calvery

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 165 Colorfastness to Crocking - Textile Floor Coverings (AATCC Crockmeter Method)

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This method is designed to determine the degree of color which may be transferred from the surface of colored textile material to other surfaces by rubbing. Color transferred to the white test cloth is assessed by comparison with the AATCC Chromatic Transference Scale.

TEST RESULTS

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating
Contract Wool Petra 7	5.0	5.0

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating

AATCC RATING KEY	
5	No change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

APPROVED BY: Gary Ashburn

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY			
SUBSTRATE	Mineral-Fiber/Cement Board	**UNDERLAYMENT**	Direct Glue Down
ADHESIVE	Advanced Adhesive 275	**CONDITIONING**	Minimum of 96 hours at 70 ± 5° F and 50 ± 5% relative humidity

	Distance Burned	Time To Flame Out	Critical Radiant Flux
Specimen 1	35 cm	5 minutes	0.55 watts/square cm
Specimen 2	34 cm	5 minutes	0.57 watts/square cm
Specimen 3	34 cm	5 minutes	0.57 watts/square cm

Average Critical Radiant Flux	0.56 Watts/Square Cm
Standard Deviation	0.01 Watts/Square Cm
Coefficient of Variation	1.67 %

**** NOTE: Meets or exceeds Class 1 rating as specified in NFPA Life Safety Code 101 and IBC 804.2 Classification.***

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM E662 Smoke Density (Flaming) Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials also referenced as NFPA 258

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This procedure is designed to measure the specific optical density of smoke generated by the test specimen within a closed chamber. Each specimen is exposed to an electrically heated radiant-energy source positioned to provide a constant irradiance level of 2.5 watts/square cm on the specimen surface. Measurements are recorded through a photometric system employing a vertical beam of light and a photo detector positioned to detect the attenuation of light transmittance caused by smoke accumulation within the chamber. The light transmittance measurements are used to calculate specific optical density, a quantitative value which can be factored to estimate the smoke potential of materials. Two burning conditions can be simulated by the test apparatus. The radiant heating in the absence of ignition is referred to as the Non-Flaming Mode. A flaming combustion in the presence of supporting radiation constitutes the Flaming Mode.

CONDITIONS			
PREDRYING OF TEST SAMPLE	24 Hours at 140° F		
CONDITIONING OF TEST SAMPLE	24 Hours at 70° F and 50% Relative Humidity		
TESTING CONDITION	As Received		
FURNACE VOLTAGE	118 V	**IRRADIANCE**	2.5 watts/sq cm
CHAMBER TEMPERATURE	95° F	**CHAMBER PRESSURE**	3" H_2O
TEST MODE	Flaming		

AVERAGE MAXIMUM DENSITY CORRECTED (Dmc)		**FLAMING**	339
AVERAGE SPECIFIC OPTICAL DENSITY AT 4.0 MINUTES			182
	Specimen 1	**Specimen 2**	**Specimen 3**
Maximum Density (Dm)	369.0	336.0	359.0
Time to Dm (minutes)	9.0	9.5	9.0
Clear Beam (Dc)	31.0	40.0	27.0
Corr. Max Density (Dmc)	338.0	346.0	332.0
Density at 1.5 minutes	29.0	36.0	26.0
Density at 4.0 minutes	180.0	195.0	171.0
Time to 90% Dm (minutes)	7.0	7.5	7.0
Specimen Weight (grams)	18.4	18.8	18.9

**** This sample PASSES the requirements of 450 or less.***

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM F970 Standard Test Method for Static Load Limit

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This test determines the recovery properties of resilient floor covering after long term indentation test (24 hours) under a specified load.

PROCEDURE

The test sample is conditioned to equilibrium at 73° F and 50% relative humidity. The initial thickness of the sample is determined using a dial micrometer with a flat presser foot .250 inches in diameter. A specified load is applied to the sample over a 1.125 inch diameter indentor foot for 24 hours. After removal of the load, the sample is allowed to recover for 24 hours. The sample is regauged using the .250 inch diameter presser foot. The difference between the two measurements is reported as the residual compression.

TEST RESULTS

SPECIFIED LOAD	RESIDUAL COMPRESSION
50 Lbs.	0.035 Inch

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 11-11-2015 **TEST NUMBER:** 0223483

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70) also referenced as ASTM D2859

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Contract Wool Petra 7
CONSTRUCTION	Cut Pile Woven, Wilton face to face
FIBER	80% Wool 20% Nylon 5.5/2 Nm
BACKING	Woven

GENERAL PRINCIPLE

This test method is intended to measure the response 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 whether constructed from natural or man-made materials.

TEST CRITERION

The uncharred area of the test specimen must be greater than one inch in at least seven of the eight specimens tested in order to meet the acceptance criterion.

TEST RESULTS

	SPECIMEN NUMBER							
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Uncharred Area (Inches)	3.5	3.5	3.4	3.6	3.4	3.4	3.5	3.5

NOTE: This sample was tested on the face side.

This sample *PASSES* the Federal Flammability Standard DOC FF 1-70.

APPROVED BY: Gary Cathey

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TEST REPORT

DATE: 04-17-2019 **Page 1 of 1** **TEST NUMBER:** 0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 20 - Fiber Identification

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

PROCEDURE

Fiber from the test sample is prepared and tested for fiber identification by means of chemical solubility.

TEST RESULTS

FIBER IDENTIFICATION	Nylon

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 04-17-2019 **Page 1 of 1** **TEST NUMBER:** 0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM D3936 Standard Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

GENERAL PRINCIPLE

This test method is designed to measure the force required to delaminate the secondary backing adhered to the finished pile floor covering.

TEST RESULTS

SPECIMEN 1	6.2 Lbs/Inch
SPECIMEN 2	6.5 Lbs/Inch
SPECIMEN 3	7.1 Lbs/Inch

Average Delamination Strength	6.6 Lbs/Inch

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 04-17-2019 **Page 1 of 1** **TEST NUMBER:** 0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM D5848 Mass Per Unit Area of Pile Yarn Floor Coverings

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

GENERAL PRINCIPLE

Representative test specimens are taken from the sample submitted and conditioned to equilibrium at 70° ± 2° F and 65% ± 2% relative humidity. The pile yarn mass is determined by separating and removing the pile yarn from the backing fabric and the back coating with the assistance of the appropriate solvents.

TEST RESULTS

TOTAL WEIGHT	83.4 Ounces/Square Yard
FACE WEIGHT	16.7 Ounces/Square Yard
PRIMARY BACKING	Polypropylene
YARN ID	Nylon
TUFTS	1,854 Tufts/dm
AVERAGE TOTAL THICKNESS	0.417 Inch / 10.6 mm
AVERAGE PILE THICKNESS	0.187 Inch / 4.8 mm

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory Inc.

TEST REPORT

DATE:04-17-2019 **Page 1 of 1** **TEST NUMBER:**0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY			
SUBSTRATE	Mineral-Fiber/Cement Board	**UNDERLAYMENT**	Direct Glue Down
ADHESIVE	Advanced Adhesive 275	**CONDITIONING**	Minimum of 96 hours at 70 ±5°F and 50 ± 5% relative humidity

	Distance Burned	**Time To Flame Out**	**Critical Radiant Flux**
Specimen 1	36 cm	20 minutes	0.57 watts/square cm
Specimen 2	32 cm	15 minutes	0.67 watts/square cm
Specimen 3	34 cm	19 minutes	0.63 watts/square cm

Average Critical Radiant Flux	0.62 Watts/Square Cm
Standard Deviation	0.04 Watts/Square Cm
Coefficient of Variation	6.59 %

NOTE: ***Meets or exceeds Class 1 rating as specified in NFPA Life Safety Code 101.***

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 04-17-2019 **Page 1 of 1** **TEST NUMBER:** 0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 134 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

	TEST CONDITIONS
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2° F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	Tested Over Grounded Metal Plate

TEST RESULTS

Mode	Day 1		Day 2		Average		Polarity
Step- Neolite	1.7	kv	1.6	kv	1.7	kv	Negative
Scuff - Neolite	2.4	kv	2.2	kv	2.3	kv	Negative
Step- Leather	0.6	kv	0.5	kv	0.6	kv	Negative
Scuff - Leather	0.7	kv	0.7	kv	0.7	kv	Negative
Maximum Average	**2.3**	**kv**	**Negative**				

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 04-17-2019 **TEST NUMBER:** 0255812

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 165 Colorfastness to Crocking - Textile Floor Coverings (AATCC Crockmeter Method)

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Semi Dull 3720
CONSTRUCTION	Cut Pile
FIBER	100% Nylon PA6
BACKING	Attached Backing

GENERAL PRINCIPLE

This method is designed to determine the degree of color which may be transferred from the surface of colored textile material to other surfaces by rubbing. Color transferred to the white test cloth is assessed by comparison with the AATCC Chromatic Transference Scale.

TEST RESULTS

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating
Semi Dull 3720	5.0	5.0

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating

AATCC RATING KEY	
5	No change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

APPROVED BY: Gary Ashbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 08/12/2020 **TEST NUMBER:** 0301710

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 134-06 Electrostatic Propensity of Carpets

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Cut Pile 80/20 Wool-Nylon
CONSTRUCTION	Cut Pile
BACKING	Tan Tan
REFERENCE	Quality : 7711

GENERAL PRINCIPLE

This method is designed to assess the static propensity of flooring material by controlled laboratory simulation of conditions which are known from experience to be strongly contributory to excessive accumulation of static charges.

A flooring material preconditioned to equilibrium at controlled atmospheric conditions is walked on by a test subject in a specified manner with specified shoe soles. The static charges which build up on the tester are monitored continuously by a recorder.

A neolite shoe sole has been chosen as the primary reference material because its static performance is much like that of many common leathers. It is a commonly used shoe sole material and can be easily cleaned, while its chemical and physical properties are quite uniform.

A chrome tanned leather shoe sole has been chosen for a secondary reference material because it is representative of a certain class of leathers whose performance differs significantly from that of neolite soles on certain carpet fiber. Statistically, chrome tanned leather comprises a very small percentage of the shoe sole market, but must be considered in critical applications.

	TEST CONDITIONS
TEST CONDITIONS	The sample is conditioned to equilibrium and tested at 70 ± 2° F and 20 ± 2% relative humidity
SAMPLE PREPARATION	Tested As Received
SUBSTRATE	40 Ounce Rubberized Jute/Hair pad

	DAY 1	**DAY 2**	**AVERAGE**
TEST I: Step Test/Neolite Sole	**1.1 KV**	**1.1 KV**	**1.1 KV**
TEST II: Scuff Test/Neolite Sole	**1.1 KV**	**1.2 KV**	**1.2 KV**
TEST III: Step Test/Leather Sole	**2.2 KV**	**2.4 KV**	**2.3 KV**
TEST IV: Scuff Test/Leather Sole	**0.6 KV**	**0.6 KV**	**0.6 KV**
MAXIMUM AVERAGE VOLTAGE		**2.3 KV Negative**	

"The results of this test relate to the sample of flooring material tested. Its static performance may be altered in service as a result of wear, soiling, cleaning, temperature, relative humidity, etc…"

APPROVED BY: Gary Calvery

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 08/12/2020 **TEST NUMBER:** 0301710

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	AATCC 165-08 Colorfastness to Crocking - Textile Floor Coverings (AATCC Crockmeter Method)

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Cut Pile 80/20 Wool-Nylon
CONSTRUCTION	Cut Pile
BACKING	Tan Tan
REFERENCE	Quality : 7711

GENERAL PRINCIPLE

This method is designed to determine the degree of color which may be transferred from the surface of colored textile material to other surfaces by rubbing. Color transferred to the white test cloth is assessed by comparison with the AATCC Chromatic Transference Scale.

TEST RESULTS

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating
Cut Pile 80/20 Wool-Nylon	4.5	4.5

COLOR/IDENTIFICATION	Wet Crock Rating	Dry Crock Rating

AATCC RATING KEY	
5	No change
4	Slight change
3	Noticeable change
2	Considerable change
1	Severe change

APPROVED BY: Gary Asbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 08/12/2020 **TEST NUMBER:** 0301710

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	ASTM E648-10 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Cut Pile 80/20 Wool-Nylon
CONSTRUCTION	Cut Pile
BACKING	Tan Tan
REFERENCE	Quality : 7711

GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY			
SUBSTRATE	Mineral-Fiber/Cement Board	**UNDERLAYMENT**	Direct Glue Down
ADHESIVE	Advanced Adhesive 272	**CONDITIONING**	Minimum of 96 hours at 70 ± 5° F and 50 ± 5% relative humidity

	Distance Burned	Time To Flame Out	Critical Radiant Flux
Specimen 1	38 cm	5 minutes	0.53 watts/square cm
Specimen 2	40 cm	5 minutes	0.49 watts/square cm
Specimen 3	39 cm	5 minutes	0.51 watts/square cm

Average Critical Radiant Flux	0.51 Watts/Square Cm
Standard Deviation	0.02 Watts/Square Cm
Coefficient of Variation	3.2 %

**** NOTE: Meets or exceeds Class 1 rating as specified in NFPA Life Safety Code 101 and IBC 804.2 Classification.***

APPROVED BY: Gary Asbury

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Professional Testing Laboratory, Inc.

TEST REPORT

DATE: 08/12/2020 **TEST NUMBER:** 0301710

CLIENT	Al Sorayai Group

TEST METHOD CONDUCTED	Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF 1-70) also referenced as ASTM D2859

	DESCRIPTION OF TEST SAMPLE
IDENTIFICATION	Cut Pile 80/20 Wool-Nylon
CONSTRUCTION	Cut Pile
BACKING	Tan Tan
REFERENCE	Quality : 7711

GENERAL PRINCIPLE

This test method is intended to measure the response 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 whether constructed from natural or man-made materials.

TEST CRITERION

The uncharred area of the test specimen must be greater than one inch in at least seven of the eight specimens tested in order to meet the acceptance criterion.

TEST RESULTS

	SPECIMEN NUMBER							
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Uncharred Area (Inches)	3.6	3.5	3.4	3.3	3.4	3.5	3.6	3.6

NOTE: This sample was tested on the face side.

This sample *PASSES* the Federal Flammability Standard DOC FF 1-70.

APPROVED BY: Gary Ashbury

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30	ALSAWA TOWERS - ALOTAIR GROUP
31	ABDULATEEF JAMEEL CO (ISHBILIA HOTE – QUORTOBA HOTEL IN MAKAKH)
32	ZAMZAM GRAND SUITES PROJECT - MAKKAH MUKARRAMAH(MUNSHAAT FOR PROJECTS)
33	ALTAWHID MOSQUE (JEDDAH)

34	NOVOTAL HOTEL - COMPUS GROUP
35	AL REDAN RESTURANTS
36	KING ABDELAZIZ MOSQUE (ASFAN)
37	PRINCE AHMED MOSQUE (TAEF)
38	MOSQUE FOR THE UZPAKISTAN GOVERNMENT
39	EURO DESIGN
40	BROADWAY HOTEL DUBAI
41	ABRAJ ALMUSA - ALKHOKAIR
42	SUN SET HOTEL
43	BIN SALIM - ALHOKAIR
44	CASA DECORE (JEDDAH)
45	SHARBATLY COLD STORE OFFICE (JEDDAH)
46	ETAGE FURNITURE(DUBAI)
47	ARAMCO (RABIQ)
48	JEDDAH SEA PORT(JEDDAH)
49	ALSUHAYLY RESTAURANT (JEDDAH)
50	QASR AL-KOBRA BANQUET HALL
51	RED SEA MALL MOSQUE PROJECT (JEDDAH)
52	RIYADH AUTHORITY DEVELOPMENT- MOSQUE AND CULTURE PALACE
53	MADAEN STAR- BANQUET HALL IN ALKHARJ
54	SPECIAL SECURITY FORCES-RIYADH
55	ALHOKAIR GROUP CO (TAEF HOTEL, ALMOUGREN HOTEL, ALBAHA HOTEL)
56	RIYADH PALCE HOTEL
57	AL MUGRIN HOTEL –ALHOKAIR GROUP (RIYADH)
58	ALBAHA HOTEL - ALHOKAIR GROUP
59	IMARAT RIYADH - KASER ALHUKM - RIYADH
60	ALHARITY HOTEL (MADINNAA)
61	CARPET ART
62	PRESIDENCY OF CIVIL AVtATION
63	AL QUALZAM RESTURANT
64	MUNEER MOSQUE RIYADH
65	ALSAFA BALACE
66	AL JAMIA MOSQUE
67	RIYADH COMMISION OFFICE FOR KING FAHAD LIBRARY DEVELOPMENT

68	A.D.A. (PRINCE SALMAN)
69	CASABLANCA HOTEL (JEDDAH, MAKKAH)
70	CASTLE WORLD (GENERAL PROJECTS)
71	BAIT AL ANSARI – DAMMAM MUNICIPALITY
72	CARLTON HOTEL CARLTON HOTEL DUBAI
73	SALEH BIN LAHAJ MOSQUE
74	CORAL DIRA HOTEL
75	YUGOSLAVIA FURNITURE
76	PRO IDEA CO
77	ALSHUMOOK BANQUET HALL (MAKKAH)
78	AL AQSA MOSQUE (JEDDAH)
79	OKASHA MOSQUE (JEDDAH)
80	ZAHRAN HOLDING
81	SAAD BIN MOAZ MOSQUE – ALSHEFA (RIYADH)
82	MOSQUES OF KING ABDULLAH UNIVERSITY FOR SCIENCE 7TECHNONOLOGY – BIN LADIN
83	BIN LADIN COMPANY OFFICES – KING ABDULAZIZ WAKAF
84	DURA BEATCH ABHUR – DALLA FOR RESORST
85	ALZAHID MOSQUE – JEDDAH
86	ABDULAZIZ UNIVERSITY MOSQUE – ALMAWEL COMPANY
87	SAFETY LANES FOR KING ABDULZIZI UNIVERSIT AIR PORT- SAFARY COMPANY
88	CITY INN FOR FURNISHED APPARTMENTS – AMIAL ALKHALEEJ GROUP –JEDDAH
89	SOUTHERN IMMARA AUTHORIZED'S OFFICES
90	MOSQUES OF AIR BASE IN SOUTHERN AREA – ABHA
91	ALHEJRA MOSQUE – ABHA
92	KING FAHAD HOPITAL MOSQUE – ZAHRAN CO. FOR MAINTENANCE
93	ALHABEEBA HOTEL – ALOMAIR FACTORY FOR FURNITURE –MAKKAH
94	ATLAS HOTEL –SAHAL ABDULKAREEM ESTABLISHMENT - JEDDAH
95	CELEBARATION HALL IN ARAMCO COMPANY-JEDAH
96	RIAYADH EXHIBITION CENTER – ALYAMAMA COMPANY
97	ALBUSTAN HOTEL – BEIROUT
98	ALWAHA PALACE HOTEL – RIYADH
99	MADAREEM CROWN HOTEL – RIYADH
100	KORB HOTEL –BIN SULAIMAN CENTER –FURNITURE HOUSES
101	MERWEB HOTEL –ALABDULKADER FURNITURE -QATAR

102	Intercontinental Hotel
103	Omseyati Hall Jeddah
104	Dar Al Taqwa Hotel
105	National Guard Jeddah
106	SCECO Auditorium SCECO Auditorium
107	le royal hotel Jordan
108	NCB Bank
109	Maad Tower
110	more global - al awali Makkah Hall
111	Dasar
112	Novotel hotel riyadh
113	Saudi gulf airlines
114	Makarem hotel Dammam
115	Al Yasmin Mall
116	al Safa hall
117	kenzi hotel
118	Ritz Carlton hotel Riyadh
119	Aref company
120	Jazan university
121	Al Salhiah wedding hall
122	Mövenpick Hotel Qassim
123	Al Andalus Hotel
124	kifah company
125	Lotaz hotel
126	Alrashed company
127	Hilton hotel al Jubail
128	Al Fahad Hotel Jeddah
129	Uni décor company Jeddah
130	Fun time Riyadh
131	alsaif company
132	Islamic development bank
133	Al janadriyah suites
134	Sayed Aways Mosque
135	park inn hotel Najran

136	stay inn hotel Jeddah
137	Alyami Hall
138	Centeo salama hotel Jeddah
139	Centeo hotel Riyadh
140	Kap-1 Saudi Oger
141	Kap-2 BEC Co.
142	Kap-4 Al-Rashid Co.
143	Kap-2-A Alsaif Co.
144	Kap-5 Bec Co.
145	Concord Najran Hotel
146	Muvi cinema
147	Voco Hotel Makkah
148	Voco Hotel Jeddah
149	Ridison blu riyadh airport
150	AL Fadhli Camp – Aramco
151	Maraya Concert Hall – Al-Ula

المشاريع المنجزة

#	العميل	المشاريع المنجزة
١	مجموعة بن لادن السعودية	مساجد وزارة الداخلية – مساجد جامعة الملك عبدالله للعلوم والتكنولوجيا – مطار الملك عبدالعزيز الدولي – مكاتب مجموعة بن لادن بمشروع وقف الملك عبدالعزيز – وأخرى ...
٢	فندق راديسون ساس	فندق راديسون ساس – جدة – ينبع
٣	شركة سعودي أوجيه المحدودة	فندق دار التوحيد أنتركونتننتال بمكة – الديوان الملكي – روضة خريم – قصر الصفا – قصر الناصرية – جامعة الملك عبدالله للعلوم والتكنولوجيا – واخرى ...
٤	مدينة الملك عبدالعزيز الطبية	مدينة الملك عبدالعزيز الطبية - جدة
٥	الهيئة الملكية للجبيل وينبع	الهيئة الملكية للجبيل وينبع
٦	مؤسسة بيت الرياض	وزارة الدفاع والطيران – أرامكو – طريق الخرج
٧	فندق ويستن	فندق ويستن - جدة
٨	مجموعة الحكير	فندق الطائف – فندق الباحة – فندق البحر الأحمر- أبراج الموسى – فندق بن سليم – فندق جولدن توليب الناصرية – هيلتون جاردن إن – فندق المينا – سي فيو الخبر – هوليدي إن الكورنيش – فن تايم الرياض واخرى ...
٩	فندق شيراتون كريك	فندق شيراتون كريك - دبي
١٠	فندق شيراتون	فندق شيراتون – جدة - مكة
١١	مجلس التعاون الخليجي	مبنى مجلس التعاون الخليجي - الرياض
١٢	شركة العبدالقادر للمفروشات	فندق ميركيور – فندق مروب قطر – فندق أم القرى مكة – فندق صحارى المطار – قصر طويق الرياض – واخرى ...
١٣	الهيئة العليا لتطوير مدينة الرياض	قصر طويق – المسجد الجامع – الكندي – قصر الحكم – مجموعة مساجد – وأخرى ...
١٤	شركة المشرق	المركز الرئيسي للدفاع المدني - الرياض
١٥	بيترو رابغ	مجموعة مساجد
١٦	إمارة القصيم	إمارة القصيم
١٧	مكتب الأمير عبدالعزيز بن فهد	مكتب الأمير عبدالعزيز بن فهد - جدة
١٨	وزارة التعليم	وزارة التعليم - جدة
١٩	فندق بلاتو	فندق بلاتو - جدة
٢٠	فندق مدينة روتانا الإعلامية	فندق مدينة روتانا الإعلامية - دبي
٢١	فندق متروبوليتان	فندق متروبوليتان - مكة
٢٢	فندق فيرزاتو	فندق فيرزاتو - دبي
٢٣	فندق الكعكي	فندق الكعكي - مكة

٢٤	فندق هوليدي إن	فندق هوليدي إن - دبي
٢٥	مسجد العمرين	مسجد العمرين - الرياض
٢٦	مسجد الهدى	مسجد الهدى جدة
٢٧	شركة العنقري	فندق باراشد - المدينة
٢٨	مجموعة العطير	أبراج الصفوة - جدة
٢٩	شركة عبداللطيف جميل	فندق أشبيليا مكة – فندق قرطبة مكة
٣٠	شركة منشأت التجارية	أبراج زمزم الكبرى
٣١	مسجد التوحيد	مسجد التوحيد - جدة
٣٢	مجموعة كومباس	فندق إيلاف المشاعر – فندق نوفوتل - مكة
٣٣	مطاعم ريدان	مطاعم ريدان - جدة
٣٤	مسجد الملك عبدالعزيز	مسجد الملك عبدالعزيز - جدة
٣٥	مجموعة أبو فارع	مسجد الأمير أحمد - الطائف
٣٦	الحكومة الأوزباكستانية	مسجد الحكومة الأوزباكستانية
٣٧	التصميم الأوربي	مصنع البسكويت - جدة
٣٨	فندق برودواي	فندق برودواي - دبي
٣٩	فندق سان ست	فندق سان ست – جدة
٤٠	كازا ديكور	فندق مريديان – جدة
٤١	مؤسسة الشيخ حسن عباس الشربتلي الخيرية	مكتب الشربتلي للمستودعات – مجموعة مساجد – جدة
٤٢	مفروشات إيتاج	هوليدي إن – دبي
٤٣	أرامكو السعودية	مساجد بنادي أرامكو – قاعة إحتفالات بشركة أرامكو – جدة
٤٤	ميناء جدة الإسلامي	البرج الإداري – جدة
٤٥	مطعم السحيلي	مطعم السحيلي – جدة
٤٦	قاعة قصر الكبرى للاحتفالات والمؤتمرات	قاعة قصر الكبرى للاحتفالات و المؤتمرات – الرياض
٤٧	السعد للمقاولات العامة	مسجد رد سي مول – جدة
٤٨	مجموعة نجمة المدائن	قاعة احتفالات الخرج
٤٩	قوات الأمن الخاصة	قوات الأمن الخاصة – الرياض
٥٠	شركة تراكا	فندق قصر الرياض
٥١	مجموعة العلامة التجارية	فندق الحارثية – المدينة
٥٢	فن السجاد	مسجد الأمير سلمان – جدة
٥٣	مجموعة ريدان	رئاسة الطيران المدني
٥٤	مطعم القلزم	مطعم القلزم – جدة
٥٥	فندق الدار البيضاء	فندق كازابلانكا – جدة – مكة
٥٦	مؤسسة عالم القلعة	مشاريع متفرقة – الرياض
٥٧	بيت الأنصاري	بلدية امانة الدمام
٥٨	فندق كارلتون	فندق كارلتون – دبي
٥٩	فندق كورال الديرة	فندق كورال الديرة – جدة
٦٠	مفروشات يوغوسلافيا	مسجد الحكومة اليوغوسلافية

٦١	شركة برو ايديا	شركة برو ايديا – دبي
٦٢	قاعة الشموخ للإحتفالات	قاعة الشموخ للإحتفالات – جدة
٦٣	مسجد الأقصى	مسجد الأقصى – جدة
٦٤	مسجد عكاشة	مسجد عكاشة – جدة
٦٥	زهران القابضة	مجموعة مساجد – جدة
٦٦	مسجد سعد بن معاذ	مسجد سعد بن معاذ – الرياض
٦٧	دلة للمنتجعات السياحية	درة بيتش أبحر – جدة
٦٨	مسجد الزاهد	مسجد الزاهد – جدة
٦٩	شركة الموئل للمقاولات	مسجد جامعة الملك عبدالعزيز
٧٠	شركة سفاري	الممرات الأمنية لمطار الملك عبدالعزيز
٧١	مجموعة أميال الخليج	سيتي إن للأجنحة الفندقية – جدة
٧٢	مكتب أمير منطقة عسير	مكتب وكيل إمارة منطقة عسير – أبها
٧٣	القاعدة الجوية بالمنطقة الجنوبية	مساجد القاعدة الجوية بالمنطقة الجنوبية – أبها
٧٤	مسجد الهجرة	مسجد الهجرة – أبها
٧٥	شركة زهران للصيانة	مسجد مستشفى الملك فهد – جدة
٧٦	مصنع العمير للأثاث	فندق الحبيبة – مكة
٧٧	مؤسسة سهل العبد الكريم	فندق راديسون ساس – المدينة
٧٨	شركة اليمامة	مسرح مركز معارض الرياض
٧٩	فندق البستان	فندق البستان – بيروت
٨٠	فندق قصر الواحة	فندق قصر الواحة – الرياض
٨١	فندق مداريم كراون	فندق مداريم كراون – الرياض
٨٢	شركة بيوت الأثاث	فندق كورب – مركز بن سليمان – الرياض
٨٣	مستشفى الملك فيصل التخصصي	الجناح الملكي – الرياض
٨٤	مؤسسة الرمال الصفراء	مجموعة مساجد – جدة
٨٥	مؤسسة المنارات	مجموعة مساجد – جدة
٨٦	مسجد سعد بن معاذ	مسجد سعد بن معاذ – جدة
٨٧	شركة الرضوان	جامع الأميرة فهدة السديري – مكة
٨٨	قاعة العرب للإحتفالات	قاعة العرب للإحتفالات – جدة
٨٩	قاعة روز	قاعة روز – جدة
٩٠	قاعة يارا	قاعة يارا – جدة
٩١	مسجد الباشا	مسجد الباشا – جدة
٩٢	البنك الأهلي التجاري	مكاتب البنك الأهلي التجاري – جدة
٩٣	فندق المقام السكني	فندق المقام السكني
٩٤	مركز مكة للانشاء والتعمير	فندق هيلتون – مكة
٩٥	فندق الأنصار الفضي	فندق الأنصار الفضي – المدينة
٩٦	فندق المشاعر	فندق المشاعر – المدينة
٩٧	فندق موفينبيك	فندق موفينبيك – جدة

٩٨	فندق هيلتون	فندق هيلتون – مكة – الجبيل
٩٩	شركة هيف للتجارة	فندق هيلتون – المدينة
١٠٠	شركة الشام للفنادق والمنتجعات	فندق الشام – دمشق
١٠١	فندق إنتركونتيننتال	فندق إنتركونتيننتال
١٠٢	قاعة أمسيتي	قاعة أمسيتي – جدة
١٠٣	فندق دار التقوى	فندق دار التقوى
١٠٤	الحرس الوطني	مساجد الحرس الوطني – جدة
١٠٥	الشركة السعودية للكهرباء	الشركة السعودية للكهرباء
١٠٦	فندق لو رويال	فندق لو رويال – الأردن
١٠٧	شركة معاد	أبراج معاد
١٠٨	فندق نوفوتيل	فندق نوفوتيل – الرياض
١٠٩	طيران السعودية الخليجية	طيران السعودية الخليجية
١١٠	الياسمين مول	الياسمين مول – جدة – مساجد
١١١	قاعة الصفا	قاعة الصفا
١١٢	فندق كنزي	فندق كنزي
١١٣	فندق الريتز كارلتون	فندق الريتز كارلتون الرياض
١١٤	شركة عارف	شركة عارف
١١٥	جامعة جازان	جامعة جازان
١١٦	قاعة الصالحية	قاعة الصالحية
١١٧	فندق موفنبيك	فندق موفنبيك – القصيم
١١٨	فندق الأندلس	فندق الأندلس
١١٩	شركة الكفاح	الهيئة الملكية للجبيل وينبع – مساجد
١٢٠	فندق لوتاز	فندق لوتاز
١٢١	شركة الراشد	شركة الراشد – مساجد
١٢٢	فندق الفهد	فندق الفهد – جدة
١٢٣	شركة يوني ديكور	يوني ديكور – جدة
١٢٤	شركة السيف	مدينة السعودية
١٢٥	البنك الإسلامي للتنمية	البنك الإسلامي للتنمية
١٢٦	الجنادرية سويتس	الجنادرية سويتس
١٢٧	ستاي ان للوحدات السكنية	ستاي ان للوحدات السكنية
١٢٨	فندق بارك إن	فندق بارك إن
١٢٩	فندق سنترو السلامة	فندق سنترو السلامة – جدة
١٣٠	فندق سنترو شاهين	فندق سنترو شاهين – جدة
١٣١	فندق سنترو	فندق سنترو – الرياض
١٣٢	فندق مكارم	فندق مكارم – الدمام
١٣٣	قاعة اليامي	قاعة اليامي – نجران
١٣٤	سعودي أوجيه	كاب 1
١٣٥	شركة بكين الإمارات	كاب 2-5

١٣٦	شركة الراشد للتجارة والمقاولات	كاب 4
١٣٧	شركة السيف	كاب 2-1
١٣٨	شركة برج نجران للخدمات الفندقية	فندق كونكورد نجران
١٣٩	شركة موفي سينما	موفي سينما
١٤٠	شركة معاد العالمية	فندق فوكو مكة
١٤١	مؤسسة علي أحمد مؤته	فندق فوكو جدة
١٤٢	فنادق راديسون بلو	فندق راديسون بلو مطار الرياض
١٤٣	شركة نسما وشركاهم	ارامكو – مجمع الفاضلي
١٤٤	شركة صلة الرياضية	قاعة مرايا – العلا


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