



Sam Yuen Carpet Development Ltd.

三源地氈發展有限公司

九龍佐敦德興街11號興富中心701室

Rm 701 Rightful Centre, No.11 Tak Hing St. Kln. H.K.

Tel: (852) 2780 3990 Fax: (852) 2770 7230

Email: info@samyuencarpet.com

TECHNICAL SPECIFICATIONS

Quality	: WS - Collection
Yarn Fiber	: 100% Wool
Width	: 13'-2" (4.00M)
Pile Weight	: ± 27 oz./yd ² (900 g/m ²)
Pile Height	: ± 6.0 mm
Total Height	: ± 7.5 mm
Gauge and Structure	: 5/32 " Multi Level Loop Machine Tufted
Primary Backing	: 100% Woven Polypropylene
Secondary Backing	: Jute Back
Fire Classification	: EN 13501-1 : 2007 + A1 : 2009 (E) EN ISO 9239-1 : 2010 EN ISO 11925-2 : 2010 Rating : B _{fl} – S1
Flammability Test	: SGS BS 4790: 1987 / BS 5287 : 1988
Certificate	: EN 14041 : 2004



Test Report

No. SDHG1504005419FB

Date: May.05, 2015

Page 1 of 6

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : WOOL TUFTED CARPET
 Style / Item No. : 61
 Manufacturer :
 Sample Receiving Date : Apr.21, 2015
 Test Performing Date : Apr.21, 2015 to May.05, 2015

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 13501-1:2007+A1:2009(E)	Classification: B _{fl} -s1	/

For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Co., Ltd.

Ivette Zhang
Approved signatory



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions. If any, the Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/F, Building European Industrial Park, No.1 Shunhua Road, Huafu Sedi, Dabang Town, Shunde Foshan, Guangdong, China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgs.com
 中国·广东·佛山市顺德区大良街道力事达五沙顺和南庭1号欧洲工业园1-1号厂房四楼邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com



Test Report

No. SDHG1504005419FB

Date: May.05, 2015

Page 2 of 6

Test Conducted

This test is conducted as per EN 13501-1:2007+A1:2009(E) Fire classification of construction products and building elements— Part 1: Classification using data from reaction to fire tests, Class B_{fl}. And the test methods as following:

1. EN ISO 9239-1:2010 Reaction to fire tests for floorings—Part 1: Determination of the burning behaviour using a radiant heat source.
2. EN ISO 11925-2:2010 Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test.

I. Details of classified product

Description

The details of the tested specimen given below have been prepared from information provided by the sponsor of the test. All values quoted are nominal, unless tolerances are given.

Name:	Wool tufted carpet
Color:	Beige
Area density:	3.22 kg/m ²
Thickness:	About 8 mm

II. Test Result

1. EN ISO 9239-1:2002 Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source

Specimen No.	Furthest extent of spread of flame(mm)	Critical Heat Flux (CHF or HF-30) kW/m ²	Comments and Observation
1(Lengthwise)	70	≥11	Charring
2(Crosswise)	50	≥11	Charring
3(Lengthwise)	60	≥11	Charring
4(Lengthwise)	80	≥11	Charring
The mean value for the critical heat flux (CHF and/or HF-30) from the three specimens from the same orientation: ≥11 kW/m ²			
Smoking measurement			



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS Standards Technical Services Co., Ltd.
Guangzhou Branch

1/F, Building European Industrial Park, No.1 Shurui Road, Wusha Section, Daling Town, Shunde, Foshan, Guangdong, China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com

Integrated smoke value: 0.823 %×min

2. EN ISO 11925-2: 2002 Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test

Ignition Position	Surface Ignition and Edge ignition
Flame Application Time	15s

Ignition Position: Surface Ignition

Expression of results	Specimen No. & Result					
	Lengthwise			Crosswise		
	1	2	3	4	5	6
Whether ignition occurs (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes
Whether the flame tip reaches 150 mm above the flame application point, and the time at which this occurs (No/Time)	No	No	No	No	No	No
Whether ignition of the filter paper occurs (Yes/No)	No	No	No	No	No	No

Ignition Position: Edge ignition

Expression of results	Specimen No. & Result					
	Lengthwise			Crosswise		
	1	2	3	4	5	6
Whether ignition occurs (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes
Whether the flame tip reaches 150 mm above the flame application point, and the time at which this occurs (No/Time)	No	No	No	No	No	No
Whether ignition of the filter paper occurs (Yes/No)	No	No	No	No	No	No

III. Classification and direct field of application

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

Classification

The product, "WOOL TUFTED CARPET", classification is as following,



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS Standards Technical Services Co., Ltd.
Guangzhou, P.R. China

1/F, Building European Industrial Park, No.1 Shuiben Road, Waihu Sector, Dalang Town, Shunde Foshan, Guangdong, China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgs.com
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com

Fire behaviour		Smoke production	
B _{fl}	—	s	1

Reaction to fire classification: B_{fl}—s1

Remark: The classes with their corresponding fire performance are given in annex A.
Reaction to fire classification is based on the 7-step scale of A1_{fl} to F_{fl}, where A1_{fl} is good and F_{fl} is bad.

Statement: 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.

Warning: This classification report does not represent type approval or certification of the product.
The test laboratory has, therefore, play no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

Annex A

Classes of reaction to fire performance for floorings

Class	Test method(s)	Classification criteria	Additional classification
A1 _{fl}	EN ISO 1182 ^a and	$\Delta T \leq 30 \text{ }^\circ\text{C}$; and $\Delta m \leq 50 \%$; and $t_f = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716	$PCS \leq 2,0 \text{ MJ/kg}^a$ and $PCS \leq 2,0 \text{ MJ/kg}^b$ and $PCS \leq 1,4 \text{ MJ/m}^2^c$ and $PCS \leq 2,0 \text{ MJ/kg}^d$	-
A2 _{fl}	EN ISO 1182 ^a or	$\Delta T \leq 50 \text{ }^\circ\text{C}$ and $\Delta m \leq 50 \%$ and $t_f \leq 20 \text{ s}$	-
	EN ISO 1716 and	$PCS \leq 3,0 \text{ MJ/kg}^a$ and $PCS \leq 4,0 \text{ MJ/m}^2^b$ and $PCS \leq 4,0 \text{ MJ/m}^2^c$ and $PCS \leq 3,0 \text{ MJ/kg}^d$	-
	EN ISO 9239-1 ^e	Critical flux ^f $\geq 8,0 \text{ kW/m}^2$	Smoke production ^g



SGS Standards Technical Services Co., Ltd.
Guangzhou Branch

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1F, 1 Building European Industrial Park, No.1 Shuruiwan Road, Wusha Section, Daliang Town, Shunde Foshan, Guangdong China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一厂房首层 邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com

Test Report

No. SDHG1504005419FB

Date: May.05, 2015

Page 5 of 6

B _{fl}	EN ISO 9239-1 ^e and	Critical flux ^f ≥ 8,0 kW/m ²	Smoke production ^g
	EN ISO 11925-2 ^h : Exposure = 15 s	F _s ≤ 150 mm within 20 s	-
C _{fl}	EN ISO 9239-1 ^e and	Critical flux ^f ≥ 4,5 kW/m ²	Smoke production ^g
	EN ISO 11925-2 ^h : Exposure = 15 s	F _s ≤ 150 mm within 20 s	
D _{fl}	EN ISO 9239-1 ^e and	Critical flux ^f ≥ 3,0 kW/m ²	Smoke production ^g
	EN ISO 11925-2 ^h : Exposure = 15 s	F _s ≤ 150 mm within 20 s	
E _{fl}	EN ISO 11925-2 ^h : Exposure = 15 s	F _s ≤ 150 mm within 20 s	
F _{fl}	No performance determined		

^a For homogeneous products and substantial components of non-homogeneous products.
^b For any external non-substantial component of non-homogeneous products.
^c For any internal non-substantial component of non-homogeneous products.
^d For the product as a whole.
^e Test duration = 30 min.
^f Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame).
^g s1 = Smoke ≤ 750 % minutes;
s2 = not s1.
^h Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack

Photo Appendix:



SGS - Standards Technical Services Co., Ltd.
 G. araphos: 020-22805888

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/F, 1 Building European Industrial Park, No.1 Shuwan Road, Waha Section, Dalang Town, Shunde Foshan, Guangdong China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgsgroup.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园-1号厂房首层 邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com



End of Report



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Standards Technical Services Co., Ltd.
Guangzhou, Guangdong, China

环时 Building European Industrial Park, No.1 Shunhean Road, Wusha Section, Daling Town, Shunde Foshan, Guangdong China 528333 | (86-757)22805888 | (86-757)22805858 | www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号环时工业园-一号厂房首层 邮编: 528333 | (86-757)22805888 | (86-757)22805858 | sgs.china@sgs.com



Test Report

No.: HKSL1307148876TX

Date: Aug 09, 2013

Page 1 of 2

The following sample was submitted and identified by the client as:

One sample of 100% wool "WB-collection" textured loop pile carpet in plain colour

Ref. No. : 3575880
Country Of Origin : China
Sample Receiving Date : Jul 31, 2013
Test Performing Period : Aug 01, 2013 – Aug 09, 2013
Test Performed : Selected test(s) as requested by applicant (details please refer to result page(s).

Test Results : Please refer to the next page(s).

Signed for and on behalf of
SGS Hong Kong Ltd.

Leung Po Wa, Nikita
Senior Account Executive

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



H28097549



Test Report

No.: HKSL1307148876TX

Date: Aug 09, 2013

Page 2 of 2

Test Results :

Ignition Test on Textile Floor Coverings

(BS 4790:1987 Method 1/ BS 5287:1988, Hot metal nut method)

The test results relate only to the behavior of the test specimens after application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire.

Result:

Specimen	1	2	3	Req.
Radius of affected area on Use-surface (mm)	20	20	20	
Radius of affected area on Under-surface (mm)	15	15	15	
Greatest radius of the affected area (mm)	20			≤ 75
Time for ignition to reach the clamping ring (sec)	N/A	N/A	N/A	
Flame extinction time (sec)	34	32	34	
Duration of afterglow or smouldering (sec)	0	0	0	
Burn Code	SB+BB	SB+BB	SB+BB	

Remarks

- 1) DNI – Did not ignite; SB – Surface burn; BB – Base burn
- 1) Method of mounting test specimens: Method 1 - Loose-laid
- 1) N/A – Not applicable

Comment

The submitted sample complies with the requirement as stated in BS 5287:1988 – Assessment and Labeling of textile floor coverings – "A specimen shall be considered as satisfactory if the radius of the affected area is not greater than 75mm."

Labeling recommendation

For domestic use

For Domestic use the minimum information to be given on the manufacturer's label for domestic user shall be:

BS 5287 flammability (effects of a small ignition source) Loose-laid PASS

For contract use

For contract use the minimum information describing the observed behaviour under test shall be as below:

Radius of affected area (mm)	Information given on label
Up to 35	When tested according to the loose-laid method of BS 4790 this floor covering has a low radius (up to 35 mm) of effects of ignition.

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

H28097548



AEROQ

Certification Body for Construction Products

CERTIFICATE OF CONFORMITY

no.: **AEROQ-018-CH-11**

It has been stated that the construction product:

Wool Carpet

Pile height: 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 6.5mm, 7mm, 7.5mm, 8mm,
8.5mm, 9mm, 10mm, 11mm, 12mm

Intended use: construction

placed on the market by:

Carpet CO., Ltd

headquartered in:

produced in the factory:

Carpet CO., Ltd

headquartered in:

is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan.

This certificate attests that all provisions concerning the attestation of conformity and the performances described in standard:

EN 14041:2004

were applied and that the product fulfils all the prescribed requirements.

First Issue Date
19.09.2011

Expire Date
30.09.2013

This certificate remains valid as long as the conditions laid down in the technical specification in reference or the manufacturing conditions in the factory or the factory production control itself are not modified significantly.

eng.

Constantin AVRAM

Director

