

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 1 of 14



CUSTOMER NAME:

ADDRESS: B3012, DONGCHANG EAST ROAD, LIAOCHENG CITY, SHANDONG
PROVINCE, CHINA

Sample Name : SPC FLOORING

Product Specification : Size:1220*184*4mm Wear-layer thickness0.3mm

Manufacturer :

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : QDIN2401000018CM01

Date of Receipt : 2024-01-31

Testing Period : 2024-01-31 ~ 2024-02-27

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd..

Xander Yang
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319
中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn
t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 2 of 14

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Overall Thickness	ISO 10582:2017 Table 2 & ISO 24346:2006	See Result	N/A
2	Wear Layer Thickness	ISO 10582:2017 Table 2 & ISO 24340:2006	See Result	N/A
3	Total Mass per Unit Area	ISO 10582:2017 Table 2 & ISO 23997:2007	See Result	N/A
4	Dimensional Stability and Curling after Exposure to Heat	ISO 10582:2017 Table 2 & ISO 23999:2021	See Result	N/A
5	Residual Indentation	ISO 10582:2017 Table 2 & ISO 24343-1:2007	See Result	N/A
6	Effect of Castor Chair	ISO 10582:2017 Table 2 & ISO 4918:2016/Amd1:2018	See Result	N/A
7	Flatness	ISO 10582:2017 Table 2 & Annex B	See Result	N/A
8	Openings and Height Differences	ISO 10582:2017 Table 2 & Annex C	See Result	N/A
9	Locking Strength	ISO 10582:2017 Table 3 & Annex D	See Result	N/A
10	Side Length, Edge Straightness and Squareness of Tiles	With Reference to ISO 10582:2017 Table 2 & ISO 24342:2018	See Result	N/A



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 3 of 14

11	Staining and Resistance to Chemicals	ISO 10582:2017 Annex A & ISO 26987:2008 & Client's Requirement	See Result	N/A
----	--------------------------------------	--	------------	-----

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
N/A : Not Apply to the judgment.

Original Sample Photo(s):



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319
中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn
t(86-21) 61196300 sgs.china@sgs.com



TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 4 of 14

1. Test Item: Overall Thickness

Test Method: ISO 10582:2017 Table 2 & ISO 24346:2006

Test Condition:

Specimen: 100mm×50mm×4mm, 5pcs

Nominal Value: 4mm

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Overall Thickness (mm)	Average Value: 4.04 Maximum Value: 4.05 Minimum Value: 4.02	Average Value: 3.90~4.13 Individual Value: 3.89~4.19

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com



TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 5 of 14

2. Test Item: Wear Layer Thickness

Test Method: ISO 10582:2017 Table 2 & ISO 24340:2006

Test Condition:

Specimen: 25mm×10mm×4mm, 5pcs

Nominal value: 0.3mm

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Wear Layer Thickness (mm)	Average Value: 0.3000 Maximum Value: 0.3075 Minimum Value: 0.2950	Average Value: 0.2700~0.3390 Individual Value: >0.2508

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 6 of 14

3. Test Item: Total Mass per Unit Area

Test Method: ISO 10582:2017 Table 2 & ISO 23997:2007

Test Condition:

Specimen: 100mm×100mm×4mm, 5pcs

Nominal value: 8000 g/m²

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Total Mass per Unit Area (g/m ²)	8430	7200~9040

Original Data:

Test Item	Test Result					
	Individual Value					Average Value
Total Mass per Unit Area (g/m ²)	8450	8410	8470	8350	8460	8430

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 7 of 14

4. Test Item: Dimensional Stability and Curling after Exposure to Heat

Test Method: ISO 10582:2017 Table 2 & ISO 23999:2021

Test Condition:

Specimen: 610mm×184mm×4mm, 3pcs

Heating Temperature: 80°C

Heating Time: 6h

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result	Requirement in ISO 10582:2017 Table 2
Dimensional Change (%)	Manufacturing Direction	0.00	≤0.4
	Across-manufacturing Direction	0.00	
Curling (mm)		0.0	≤8

Original Data:

Test Item		Test Result	
Dimensional Stability and Curling after Exposure to Heat	Dimensional Change (%)	Manufacturing Direction	Average Value: 0.00
		Across-manufacturing Direction	Average Value: 0.00
	Curling (mm)	0.0	

Note:

- 1). Negative values indicate shrinkage, and positive values indicate expansion.
- 2). Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 8 of 14

5. Test Item: Residual Indentation

Test Method: ISO 10582:2017 Table 2 & ISO 24343-1:2007

Test Condition:

Specimen: 60mm×60mm×4mm, 3pcs

The Diameter of Indenter: 11.30mm

The Total Force: 500N

Maintain Time: 150min

Recovery Time: 150min

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Residual Indentation (mm)	0.03	≤0.1

Original Data:

Test Item	Test Result			
	Individual Value			Average Value
Residual Indentation (mm)	0.02	0.04	0.02	0.03

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 9 of 14

6. Test Item: Effect of Castor Chair

Test Method: ISO 10582:2017 Table 2 & ISO 4918:2016/Amd1:2018

Test Condition:

Specimen: $\Phi 750\text{mm} \times 4\text{mm}$, 1pc

Load: 90kg

Type of wheels: Type W

Cycles: 25000r

Type of specimen: Resilient floor coverings

Lab Environmental Condition: $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 5)\% \text{RH}$

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Effect of Castor Chair	25000r, No visible damage	After 25 000 cycles , no delamination shall occur. No disturbance to the surface other than a slight change in appearance.

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com



TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 10 of 14

7. Test Item: Flatness

Test Method: ISO 10582:2017 Table 2 & Annex B

Test Condition:

Specimen: 1220mm×184mm×4mm, 5pcs

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result	Requirement in ISO 10582:2017 Table 2
Flatness (%)	Length	Concave: 0.00	≤0.50
	Width	Concave: 0.00	≤0.10



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com



TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 11 of 14

8. Test Item: Openings and Height Differences

Test Method: ISO 10582:2017 Table 2 & Annex C

Test Condition:

Specimen: 1220mm×184mm×4mm, 8pcs

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result	Requirement in ISO 10582:2017 Table 2
Openings (mm)	Average Value: 0.00 Maximum Value: 0.05	Average Value≤0.15 Individual Value≤0.20
Height Differences (mm)	Average Value: 0.00 Maximum Value:0.05	Average Value≤0.10 Individual Value≤0.15



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 12 of 14

9. Test Item: Locking Strength

Test Method: ISO 10582:2017 Table 3 & Annex D

Test Condition:

Specimen: 200mm×100mm×4mm, 10pcs (5 pcs for long side, 5 pcs for short side)

Test rate: 100mm/min

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result	Requirement in ISO 10582:2017 Table 2
Locking Strength (kN/m)	Long Side	6.0	Only for Commercial use: Class 31, 32, 33: ≥1.5 kN/m Class 34: ≥2.0 kN/m
	Short Side	5.0	

Original Data:

Test Item		Test Result					
		Individual Value					Average Value
Locking Strength (kN/m)	Long Side	5.7	6.1	6.0	6.2	5.9	6.0
	Short Side	5.1	5.5	4.4	4.8	5.1	5.0

Note: Test specimens were cut from original sample.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 13 of 14

10. Test Item: Side Length, Edge Straightness and Squareness of Tiles

Test Method: With Reference to ISO 10582:2017 Table 2 & ISO 24342:2018

Test Condition:

Specimen: 1220mm×184mm×4mm, 5pcs

Nominal length: 1220mm

Nominal width: 184mm

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item		Test Result	Requirement in ISO 10582:2017 Table 2
Side Length, Edge Straightness and Squareness of Tiles	Length	1220	1219.5~1220.5
	Width	184.1	183.816~184.184
	Squareness	0.00	≤0.50
	Straightness	Long Side: 0.00 Short side: 0.00	Side length≤400mm: ≤0.25mm Side length > 400mm: ≤0.35mm Side length > 400mm(Intended for heat welding): ≤0.50mm

Original Data:

Test Item	Length	Width	Straightness	Squareness
Side Length, Edge Straightness and Squareness of Tiles	Ave.: 1220mm Max.: 1220mm Min.: 1220mm	Ave.: 184.1mm Max.: 184.1mm Min.: 184.0mm	0.00mm	0.00mm



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com

TEST REPORT

No. : SHIN2401000310CM01_EN

Date : 2024-02-29

Page: 14 of 14

11. Test Item: Staining and Resistance to Chemicals

Test Method: ISO 10582:2017 Annex A & ISO 26987:2008 & Client's Requirement

Test Condition:

Specimen: 100mm×100mm×4mm, 5pcs

Testing Surface: Front view

Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Reagent	Testing Time	Test Result
Staining and Resistance to Chemicals	Acetone	2h	Index 0
	Coffee	2h	Index 0
	Sodium hydroxide 25% solution	2h	Index 0
	Hydrogen peroxide 35% solution	2h	Index 0
	Black shoe polish	2h	Index 0

Expression of result:

Index	Effect of test after cleaning / abrasion
0	Not affected
1	Slight
2	Moderate
3	Severe

*****End of report*****



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319

中国·上海·浦东康桥东路1159弄69号 邮编: 201319

t(86-21) 61196300 www.sgsgroup.com.cn

t(86-21) 61196300 sgs.china@sgs.com