

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 1 of 22

scan to see the report



SZIN2006008601SC

CUSTOMER NAME: NEW ERA BLOCK TILE JOINT STOCK COMPANY
ADDRESS: LOT E3-E4-E5-E6, STR. NO.5, THINH PHAT INDUSTRIAL ZONE,
LUONG BINH, BEN LUC, LONG AN, VIET NAM

Sample Name : Waterproof Composite Flooring, brand EFLOOR

Sample material : Stone Plastic Composite

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. : GZIN2007032478CM
Date of Receipt : Jun 28, 2020
Testing Start Date : Jun 28, 2020
Testing End Date : Aug 21, 2020
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 Co., Ltd. Shenzhen Branch
Testing Center

James Zheng
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center - Materials Laboratory

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 <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

SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 2 of 22

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion	
1	Wear Layer Thickness	ASTM F410-08(2017)	Average: 338.9µm	/	
2	Static coefficient of friction	ASTM D2047-17	Dry condition: 0.57 Wet condition: 0.67	/	
3	Heat Stability	ASTM F1514-19 & ASTM D2244-16	See results	/	
4	Specific optical density of smoke generated by solid materials	ASTM E 662-19	See results	/	
5	Impact resistance Small ball	EN 13329-2016+A1-2017 Table 2 & Annex H	Maximum value of the spring force≥20N	Pass	
6	Resistance to Light	ASTM F1515-15 & ASTM D2244-16	See result	/	
7	90° Peel Resistance	With reference to ISO 24345-2006 and client's requirement	Length way direction	80N/50mm	/
			Cross way direction	85N/50mm	
8	Critical Radiant Flux	ASTM E648-19a ^{e1}	See result	/	
9	Thickness, squareness, straightness	EN 13329:2016+A1:2017 Annex A	Thickness: 4.10mm	Pass	
			Squareness: 0mm		
			Straightness: 0.30mm		
10	Openings and height difference between elements	EN 13329:2016+A1:2017 Annex B	Openings: 0mm	Pass	
			Height difference: 0.05mm		
11	Abrasion resistance	EN 13329:2016+A1:2017 Annex E	IP-value: 3200 Abrasion classes: AC3	Pass	



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 <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 Bldg, No. 4, Jianghai Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
 中国·深圳·龙岗区坂田吉华路430号江湾工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

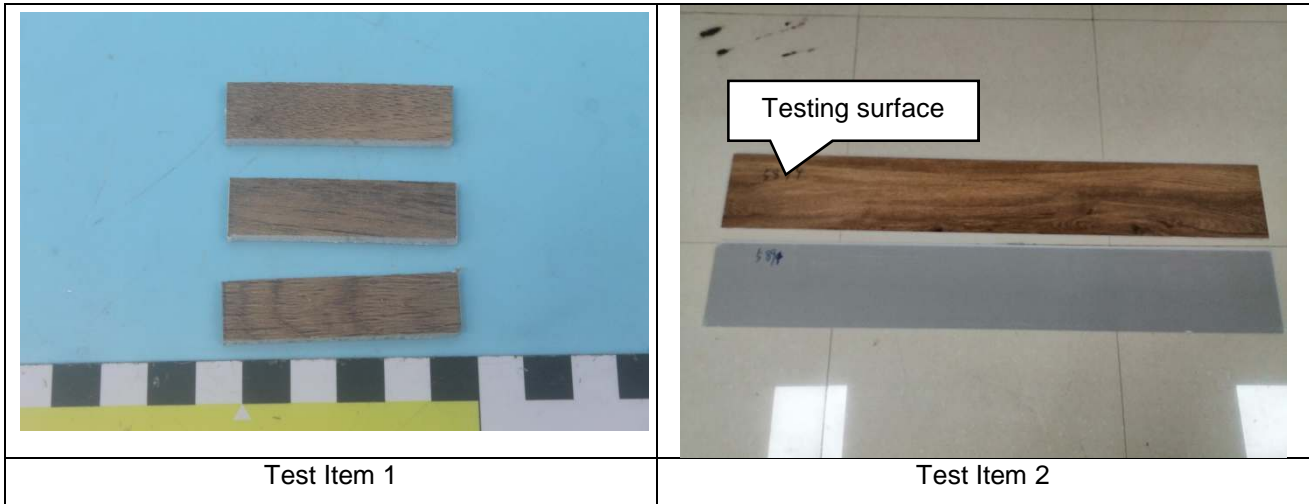
Date : Aug 21, 2020

Page: 3 of 22

No.	Test Item	Test Method	Result	Conclusion
12	Impact resistance - Resistance to impact by large diameter ball	EN 13329:2016+A1:2017 Annex H.4.1	Maximum drop height: 2250 mm	Pass
13	Resistance to Chemicals	ASTM F925-13	See results	/
14	Residual Indentation	ISO 24343-1:2007(R2015)	0.01mm	/
15	Dimensional Stability	ASTM F1700-20 Section 6.7 & ASTM F2199-20	See results	Pass

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

Original Sample Photo:



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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jihua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江源工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 4 of 22



Test Item 3

<p>Original sample</p>	<p>After test</p>

Test Item 5



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 <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

SGS Bldg, No.4 ,Jianghao Industrial Park, No.430 ,Jinza Road, Bantian , Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

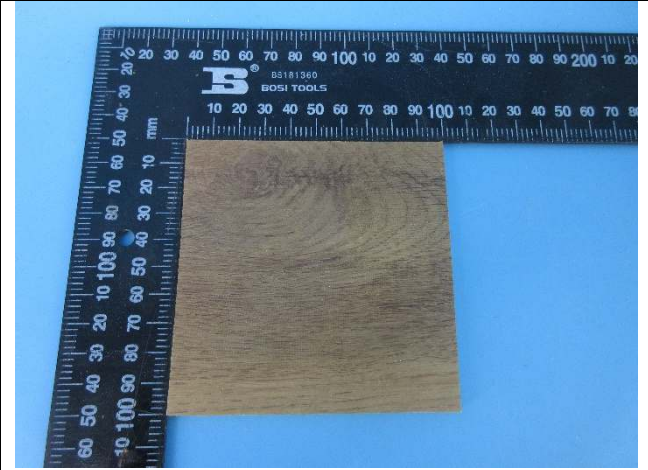
No. : SZIN2006008601SC

Date : Aug 21, 2020

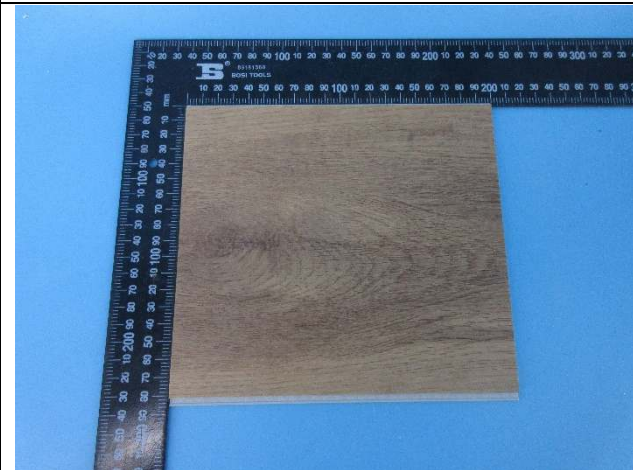
Page: 5 of 22



Test Item 9, 10



Test Item 11



Test Item 12, 14



Test Item 13



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 <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

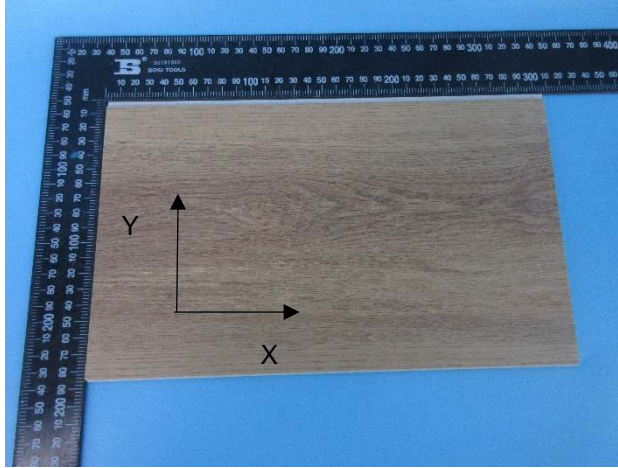
SGS Bldg, No. 4, Jianghai Industrial Park, No. 430, Jihua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江源工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 6 of 22



Test Item 15



SGS-CSTC 技术服务有限公司深圳分公司
Shenzhen Branch Testing Center - Materials Laboratory

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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 7 of 22

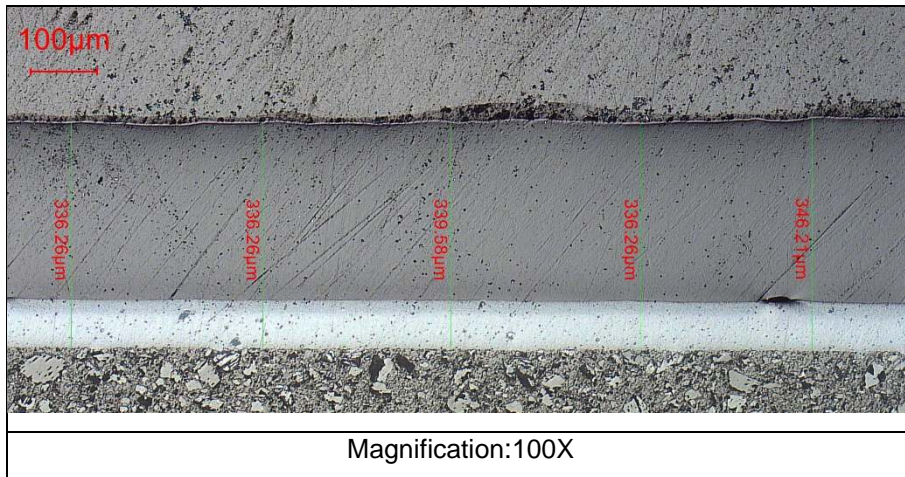
Test Item 1: Wear Layer Thickness

Test Method: ASTM F410-08(2017)

Coating layer	Result (µm)					
	1	2	3	4	5	Average
Wear layer	336.26	336.26	339.58	336.26	346.21	338.9

Note: The coating information is supplied by the client.

Test Photo:



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 <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 Bldg, No.4, Jianghao Industrial Park, No.430, Jilua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 8 of 22

Test Item 2: Static coefficient of friction

Sample Description: Flooring, See photo

Test Method: ASTM D2047-17

Test Condition:

Specimen: 300mm×180mm, 6pcs, cut from original samples, see photo

Test shoe material: Leather

Test speed: 1524mm/min

Testing surface: see photo

Test result:

Dry condition: 0.57

Wet condition: 0.67

Note: Test Item 2 was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch.

Test Item 3: Heat Stability

Sample Description: Flooring

Test Method: ASTM F1514-19 & ASTM D2244-16

Test Condition:

(70±1)°C, 7 days

Test result:

Sample	ΔE^*_{ab}	Average
#1	0.5	0.4
#2	0.1	
#3	0.7	

Note: ΔE^*_{ab} was measured by sphere spectrophotometer under D65 standard light source and with 10° observer. The results include specular component reflection condition, 25 mm aperture.



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 <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 Bldg, No.4, Jianghao Industrial Park, No.430, Jihua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

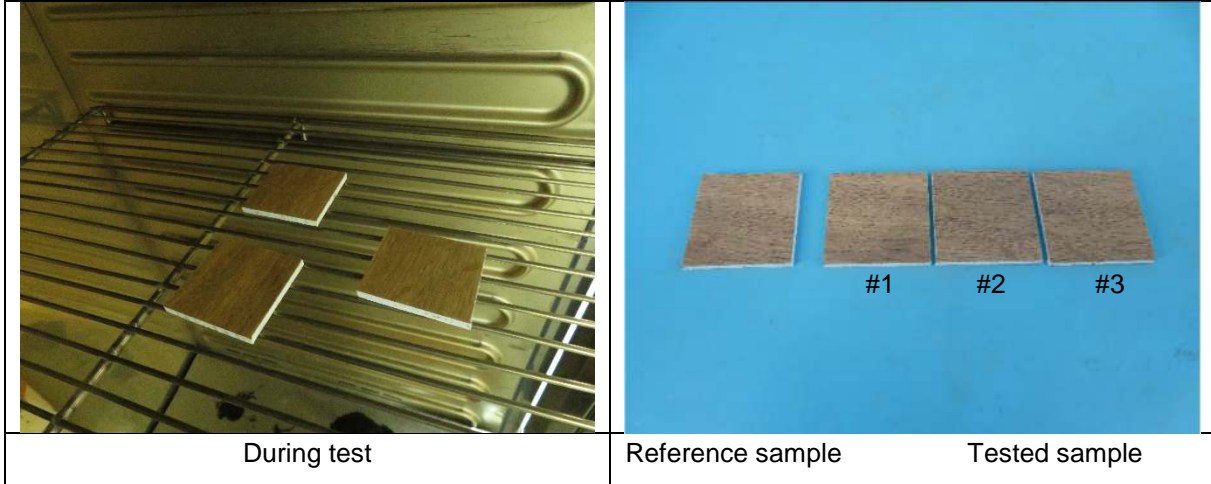
TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 9 of 22

Test Photo:



Test Item 4: Specific optical density of smoke generated by solid materials

Test Conducted:

This test is conducted accordance with ASTM E 662-19 Specific optical density of smoke generated by solid materials

I. Sample Description and Conditioning

Name	Sheet
Color:	Yellow
Thickness:	About 4.1 mm
Tested face:	The wood grain surface
Precondition:	Oven: Temperature: (60±3)°C; Duration: 24hours
	Conditioner: (23±3)°C; Relative Humidity: (50±5)%; Duration: 48h Remark: Test specimens shall be conditioned before testing, until constant mass is achieved.



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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江源工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 10 of 22

II. Test Result

Mode 1: Under Non-flaming Exposure

Measurement or Observation	Specimen 1	Specimen 2	Specimen 3	Average Value
Weight(g)	47.3	48.0	47.5	47.6
D_m , maximum specific optical density/occurrence time(min:s)	194.25 20:01	182.08 19:58	174.43 20:01	183.59
D_m (corr)	187.95	179.02	170.09	179.02
$D_{s1.5}$ (Specific optical density at 1.5 minutes)	1.38	0.20	1.05	0.88
D_{s4} (Specific optical density at 4 minutes)	23.08	17.01	16.89	18.99
Burning characteristics /occurrence time(s)	Charring 100	Charring 109	Charring 98	---
Smoke-generating properties	White smoke			---



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 <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

SGS-CSTC Shenzhen Branch Testing Center Materials Laboratory

SGS Bldg, No.4, Jianghao Industrial Park, No.430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 11 of 22

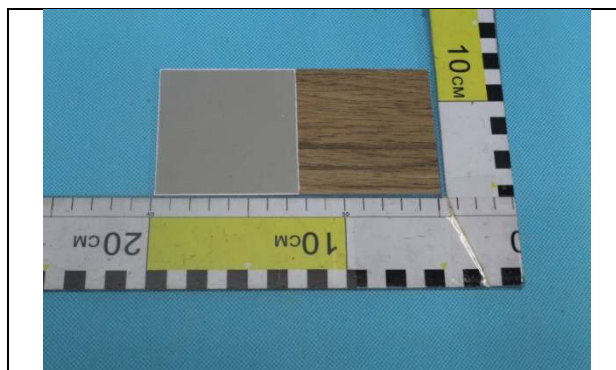
Mode 2: Under Flaming Exposure

Measurement or Observation	Specimen 1	Specimen 2	Specimen 3	Average Value
Weight(g)	47.7	47.9	47.5	47.7
D _m , maximum specific optical density/occurrence time(min:s)	411.68	345.15	388.50	381.78
	19:21	20:01	20:01	
D _m (corr)	406.38	335.91	375.41	372.57
D _{s1.5} (Specific optical density at 1.5 minutes)	2.03	1.62	1.98	1.88
D _{s4} (Specific optical density at 4 minutes)	54.39	51.92	55.43	53.91
Burning characteristics /occurrence time(s)	Charring	Charring	Charring	---
	92	102	96	
Smoke-generating properties	White smoke			---

Statements:

These results relate only to the behaviour of the specimens of the product under the particular conditions of test; they are not intended to be the sole criterion for assessing the potential smoke obscuration hazard of the product in use.

Photo Appendix:



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 <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 herein 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 Bldg, No. 4, Jianghai Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
 中国·深圳·龙岗区坂田吉华路430号江湾工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 12 of 22

Test Item 5: Impact resistance Small ball

Sample description: See photo

Test method: EN 13329-2016+A1-2017 Table 2 & Annex H

Test condition:

Steel ball diameter: 5mm

Levels of use: Class 23 & Class 31 (Provided by client)

Test result:

Test results	Requirement of EN 13329:2016+A1:2017 Table 2 (Class 23 & Class 31)	Conclusion
Maximum value of the spring force $\geq 20N$	$\geq 8N$	Pass

Note: Test Item 4, 5 were carried out by SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch.



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 <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 Bldg, No.4, Jianghao Industrial Park, No.430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 13 of 22

Test Item 6: Resistance to Light

Sample Description: see the photo

Test Method: ASTM F1515-15 & ASTM D2244-16

Test Condition:

Exposure cycle:

Irradiance: 0.30W/(m².nm)@340nm

Continuous light at (63±2) °C BPT, (50±10) %RH

Filter: Window

Exposure period: 300h

Test Result:

Test Item	Exposure period	ΔE^*_{ab}
Resistance to Light	100h	1.1
	200h	1.8
	300h	2.7

Note:

1. ΔE^*_{ab} was measured by sphere spectrophotometer under D65 standard light source and with 10° observer. The results include specular component reflection condition, 25 mm aperture.
2. The evaluations were carried out within 1 hour after above specified durations for the intermediate inspection as well as at the end of the exposure.



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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

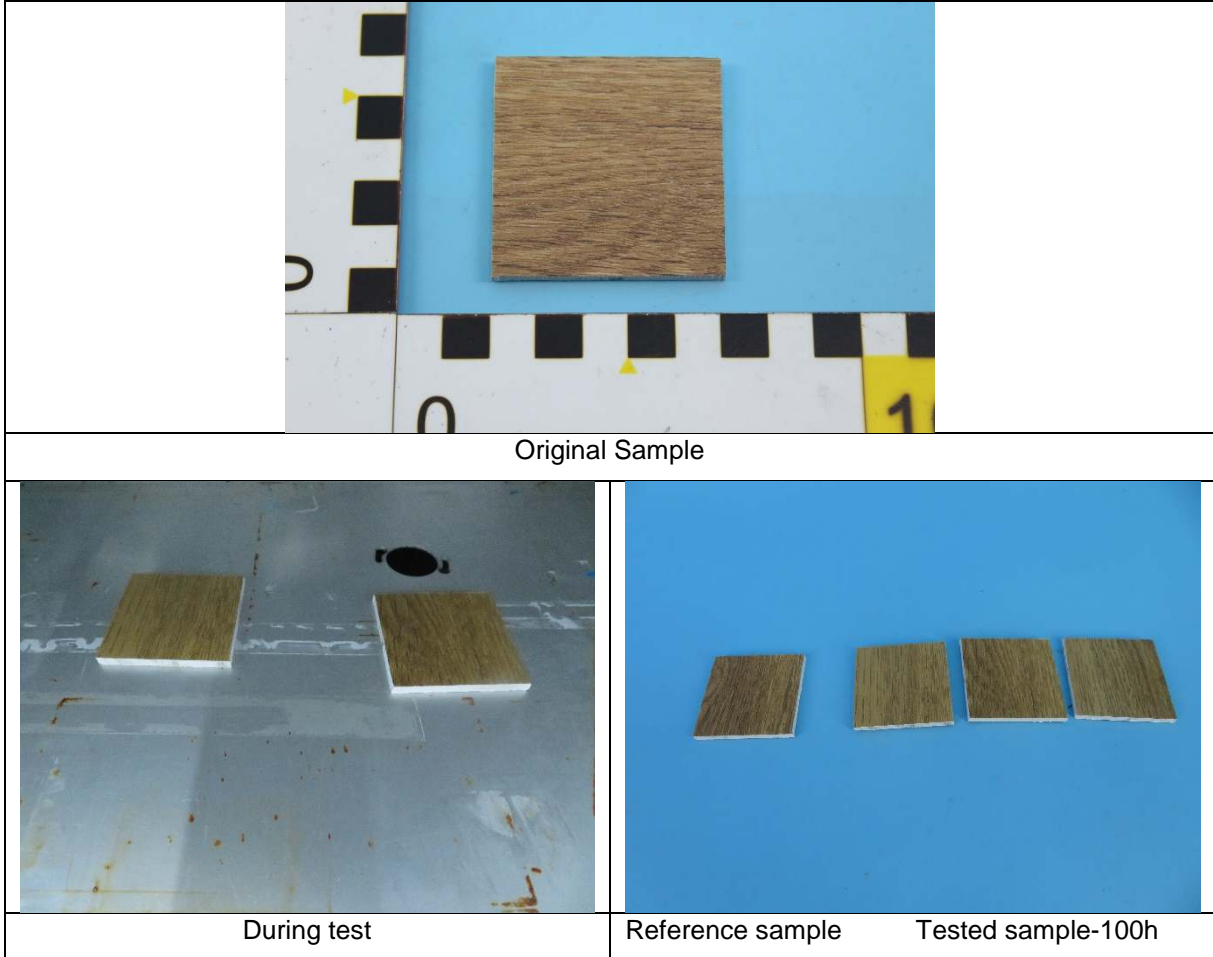
TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 14 of 22

Test Photo:



Original Sample

During test

Reference sample

Tested sample-100h



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 <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-CSTC 检验检测专用章
Shenzhen Branch Testing Center - Materials Laboratory

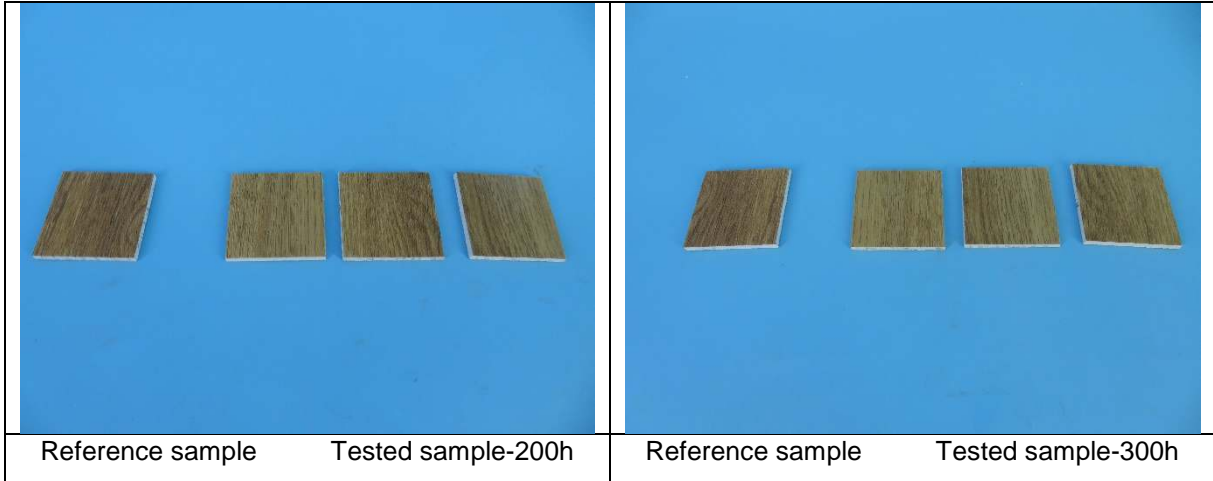
SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 15 of 22



Test Item 7: 90° Peel Resistance

Sample Description: See the photo

Test Method: With reference to ISO 24345-2006 and client's requirement

Test Condition:

Specimen width: 50mm

Testing speed: 100mm/min

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

Test Result:

Test Item	Test Result	
90° Peel Resistance	Length way direction	80N/50mm
	Cross way direction	85N/50mm



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 <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 Bldg, No.4, Jianghao Industrial Park, No.430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

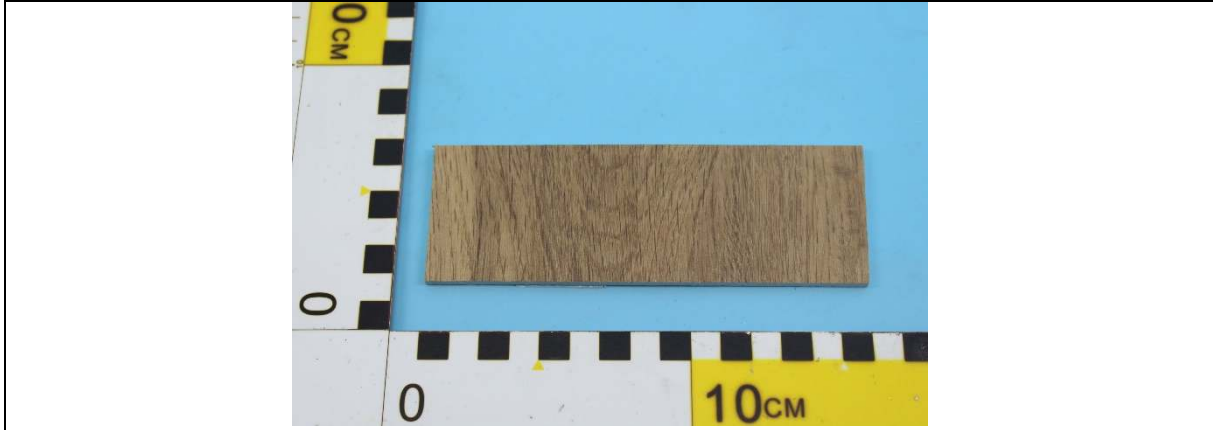
TEST REPORT

No. : SZIN2006008601SC

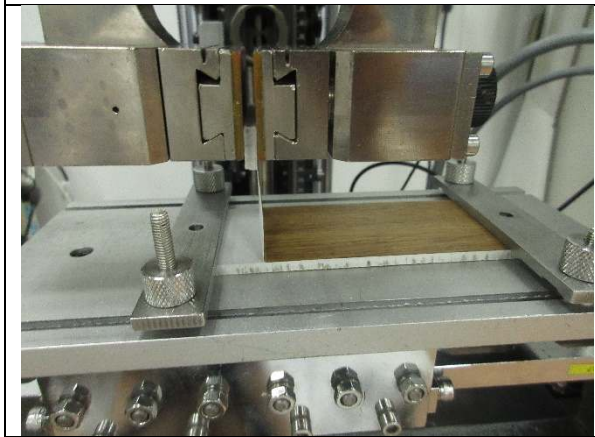
Date : Aug 21, 2020

Page: 16 of 22

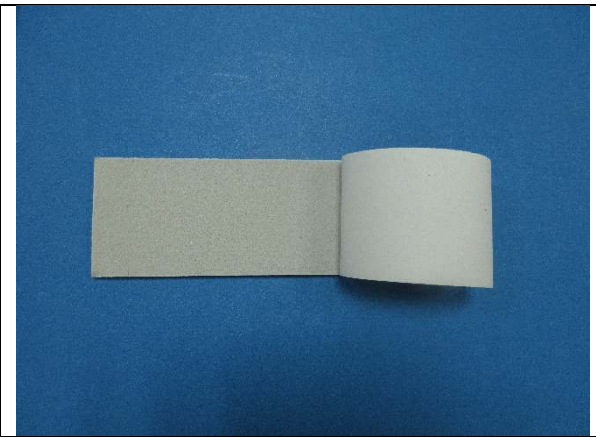
Test Photo:



Original Sample



During test



After test



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 <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-CSTC Shenzhen Branch Technical Services Co., Ltd.
Shenzhen Branch Testing Center - Materials Laboratory

SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 17 of 22

Test item 8: Critical Radiant Flux

Sample Description: See the photo

Test Method: ASTM E648-19a^{e1}

Test condition:

Specimen: 1050mm×230mm×4.1mm

Flame application time: 5min

Test result:

Specimen No.	Furthest extent of spread of flame, mm	Critical heat flux, watts/cm ²
1	30	> 1.0
2	30	> 1.0
3	30	> 1.0
Average	30	> 1.0

Note:

1. Test specimens were cut from sample.
2. Specimens that do not ignite or which spread flame less than 110 mm have a critical heat flux ≥ 1.0 watts/cm².
3. Observations of the burning characteristics: blistering

Statement: The test results relate to the behavior 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.



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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 18 of 22

Test Photo:



During test



Before test

After test



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 <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-CSTC 深圳技术服务有限公司
Shenzhen Branch Testing Center - Materials Laboratory

SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 19 of 22

Test Item 9: Determination of thickness, squareness, straightness

Sample Description: See photo

Test Method: EN 13329:2016+A1:2017 Annex A

Test Condition:

Nominal Specimen: 1220mm×180mm×4mm (Provided by client)

Test Result:

Test item(s)	Test result(s)	Requirement in EN 13329:2016+A1:2017 Table 1	Conclusion
Thickness	$\Delta t_{average} = 0.10\text{mm}$ $t_{max.} - t_{min.}: 0.13\text{mm}$	$\Delta t_{average} \leq 0.50\text{mm}$ $t_{max.} - t_{min.} \leq 0.50\text{mm}$	Pass
Squareness	$q_{max.}: 0\text{mm}$	$q_{max.}: \leq 0.20\text{mm}$	Pass
Straightness	$s_{max.}: 0.30\text{mm/m}$	$s_{max.}: \leq 0.30\text{mm/m}$	Pass

Test Item 10: Openings and height difference between elements

Test Method: EN 13329:2016+A1:2017 Annex B

Test Condition:

Nominal Specimen: 1220mm×180mm×4mm (Provided by client)

Test Result:

Test Item	Test Result	Requirement in EN 13329:2016+A1:2017 Table 1	Conclusion
Openings	$o_{average}: 0\text{mm}$, $o_{max.}: 0\text{mm}$	$o_{average} \leq 0.15\text{mm}$, $o_{max.} \leq 0.20\text{mm}$	Pass
Height Difference	$h_{average}: 0.05\text{mm}$, $h_{max.}: 0.09\text{mm}$	$h_{average} \leq 0.10\text{mm}$, $h_{max.} \leq 0.15\text{mm}$	Pass



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 <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-CSTC Inspection & Testing Services Co., Ltd.
Shenzhen Branch Testing Center - Materials Laboratory

SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 20 of 22

Test Item 11: Abrasion Resistance

Sample Description: See photo

Test Method: EN 13329:2016+A1:2017 Annex E

Test Condition:

Specimen: 100mm×100mm×4.0mm

Levels of use: Class 23 & Class 31 (Provided by client)

Wheels: CS-0

Abrasive paper strips: S-42

Load: 5.4N/wheel (total 10.4N)

Test Result:

Test Item	Test Result	Requirement of EN 13329:2016+A1:2017 Table 2 (Class 23 & Class 31)	Conclusion
Abrasion Resistance	IP-value: 3200 Abrasion classes: AC3	AC3 or better	Pass

Test Item 12: Impact resistance - Resistance to impact by large diameter ball

Test Method: EN 13329:2016+A1:2017 Annex H.4.1

Test Condition:

Specimen: 180mm×180mm×4.0mm

Levels of use: Class 23 & Class 31 (Provided by client)

Weight of ball: 324g

Diameter of ball: 42.8mm

Test Result:

Maximum drop height: 2250 mm

Requirement of EN 13329:2016+A1:2017 Table 2 (Class 23 & Class 31): ≥ 500 mm

Conclusion: Pass



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 <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

SGS Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgsgroup.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 21 of 22

Test Item13: Resistance to Chemicals

Sample Description: See photo

Test Method: ASTM F925-13

Test Condition:

Specimen: 150mm×150mm×4.0mm

Conditioning: Drop Method, Covered, 60min

Test result:

No.	Test reagents	Surface Dulling	Color Change	Surface Attack	Average
1	White vinegar (5% acetic acid)	Rating 0	Rating 0	Rating 0	Rating 0
2	Rubbing alcohol (70% isopropyl alcohol base)	Rating 0	Rating 0	Rating 0	Rating 0
3	White mineral oil (medicinal grade)	Rating 0	Rating 0	Rating 0	Rating 0
4	NaOH solution (5%)	Rating 0	Rating 0	Rating 0	Rating 0
5	HCl solution (5%)	Rating 0	Rating 0	Rating 0	Rating 0
6	H ₂ SO ₄ solution (5%)	Rating 0	Rating 0	Rating 0	Rating 0
7	Household ammonia solution (5% NH ₄ OH)	Rating 0	Rating 0	Rating 0	Rating 0
8	Household bleach (5.25% NaClO)	Rating 0	Rating 0	Rating 0	Rating 0
9	Disinfectant—phenol type (5 % active phenol)	Rating 0	Rating 0	Rating 0	Rating 0
10	Kerosene	Rating 0	Rating 0	Rating 0	Rating 0
11	Olive oil	Rating 0	Rating 0	Rating 0	Rating 0
12	Unleaded gasoline	Rating 0	Rating 0	Rating 0	Rating 0

Note:

1. All test specimens were cut from the original sample.
2. Rating 0: No change
3. Rating is evaluated according to ASTM F925-13 Section 9.2 with Rating 0 is the best and Rating 3 is the worst

Rating 3 is the worst



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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bantian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江源工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com

TEST REPORT

No. : SZIN2006008601SC

Date : Aug 21, 2020

Page: 22 of 22

Test Item 14: Residual Indentation

Sample Description: See photo

Test Method: ISO 24343-1:2007(R2015)

Test Condition:

Specimen: 60mm×60mm×4.1mm

Indenter diameter:11.3mm

Test load: 500N

Test time:150min

Recovery time:150min

Test Result:

Residual indentation: 0.01mm

Note: All test specimens were cut from the sample.

Test Item 15: Dimensional Stability

Sample Description: See photo

Test Method: ASTM F1700-20 Section 6.7 & ASTM F2199-20

Test Condition:

Specimen: 305mmx180mmx4.1mm

Condition: 82℃, 6h→(23±2)℃, (50±5)%RH, 24h

Lab Environment Condition: (23±2)℃, (50±5)%RH

Test Result:

Test Item	Test Result		Requirement in ASTM F1700-20 Table 2	Conclusion
Dimensional Stability	X Direction	-0.17mm/305mm	Maximum: 0.51mm/305mm	Pass
	Y Direction	-0.14mm/305mm		

Note: A negative value indicates shrinkage and a positive value indicates growth.

Appendix information: The above tests were carried out by SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

***** 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 <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 Bldg, No. 4, Jianghao Industrial Park, No. 430, Jilua Road, Bentian, Longgang District, Shenzhen, China 518129 t (86-755) 25328282 f (86-755) 83197625 www.sgs.com.cn
 中国·深圳·龙岗区坂田吉华路430号江灏工业园4栋SGS大楼 邮编: 518129 t (86-755) 25328282 f (86-755) 83197625 e sgs.china@sgs.com