

Test Report

No.SDHL2404006934HI

Date: Jul 08, 2024

Page 1 of 5

HUBEI BAIJIAXIANG NEW BUILDING MATERIALS TRADING CO., LTD.
UNIT 3, 4 / F, BUILDING 27, DONGXIHU SCIENCE AND TECHNOLOGY CENTER, 20 CHUANGYE ROAD,
JINGHE STREET, DONGXIHU DISTRICT, WUHAN CITY, HUBEI PROVINCE, CHINA

Sample Description : SPC WALL PANEL
Client Reference Information : MATERIAL:SPC
SPEC.:1100mm*2800mm*5mm
Manufacturer : HUBEI ZHISHENG HOME BUILDING MATERIALS CO., LTD.
MANUFACTURER ADDRESS:
BUILDING 0001, NO. 8 FUXING HENG ROAD, HANCHUAN ECONOMIC
DEVELOPMENT ZONE, XIAOGAN CITY, HUBEI PROVINCE, CHINA.

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : CAN24-0132407 & SHIN2404000953CM01_EN
Sample Receiving Date : Apr 26, 2024
Test Performing Date : Apr 26, 2024 to Jul 02, 2024
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	EN 15102:2007+A1:2011 – 4.3.2 Release of vinyl chloride monomer(VCM)	Pass	/
	EN 15102:2007+A1:2011 – 4.3.1 Heavy metals and specific elements	Pass	/
	EN 15102:2007+A1:2011 – 4.2 Release of formaldehyde	Pass	/
2	Thermal Resistance	See Result	/

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Peter Zhao
Authorized Signatory

Scan to see the report



SDHL2404006934HI
Verification:
check.sgschina.com.cn



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
1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.sgschina.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

Test Report

No.SDHL2404006934HI

Date: Jul 08, 2024

Page 2 of 5

Part 1 (SGS Ref No.: CAN24-0132407)

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN24-0132407-0001.C001	Gray board

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

EN 15102:2007+A1:2011 – 4.3.2 Release of vinyl chloride monomer(VCM)

Test Method: With reference to EN 12149:1997 clause 5 (test B), analysis was performed by HS-GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Vinyl chloride monomer (VCM)	0.2	mg/kg	0.1	ND
Conclusion				Pass

EN 15102:2007+A1:2011 – 4.3.1 Heavy metals and specific elements

Test Method: With reference to EN 12149:1997 clause 4 (test A), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit(s)	MDL	A1
Soluble Lead(Pb)	90	mg/kg	5	ND
Soluble Antimony(Sb)	-	mg/kg	5	ND
Soluble Arsenic(As)	25	mg/kg	5	ND
Soluble Barium(Ba)	500	mg/kg	10	ND
Soluble Cadmium(Cd)	25	mg/kg	5	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND
Soluble Mercury(Hg)	20	mg/kg	5	ND
Soluble Selenium(Se)	165	mg/kg	10	ND
Conclusion				Pass

EN 15102:2007+A1:2011 – 4.2 Release of formaldehyde

Test Method: With reference to EN 12149:1997 clause 6 (test C), analysis was performed by UV-Vis.

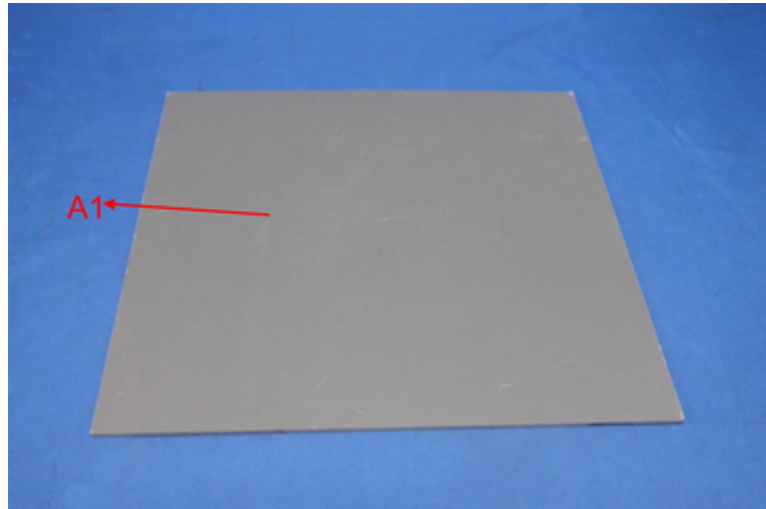
Test Item(s)	Limit	Unit(s)	MDL	A1
Formaldehyde Release	120	mg/kg	20	ND
Conclusion				Pass

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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
 1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.sgs.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

Photo Appendix:



Remark: This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou 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 <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

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

Part 2 (SGS Ref No.: SHIN2404000953CM01_EN)

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Thermal Resistance	EN 15102:2007+A1:2011 Clause 4.5 & EN 12667:2001 Heat Flow Meter Method	0.025 (m ² ·K)/W	N/A

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



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

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.ssgsgroup.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com

Test Report

No.SDHL2404006934HI

Date: Jul 08, 2024

Page 5 of 5

Test Item: Thermal Resistance

Test Method: EN 15102:2007+A1:2011 Clause 4.5 & EN 12667:2001 Heat Flow Meter Method

Test Condition:

Specimen: 301mm×301mm×5.1mm, 1pc

Density: about 2154kg/m³

Mean temperature: 23°C

Temperature difference: 10°C

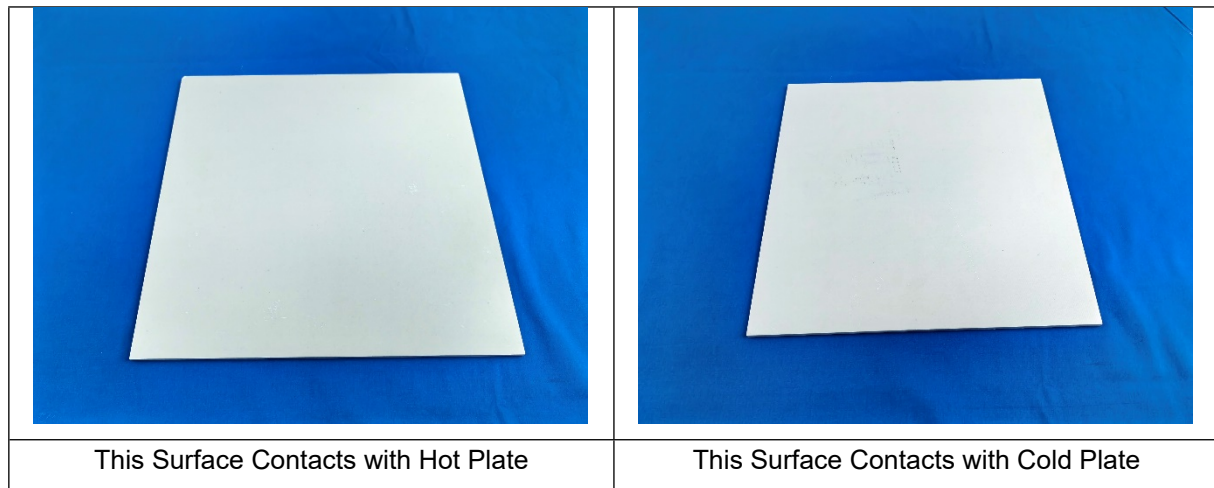
Lab Environmental Condition: (23±2)°C, (50±5)%RH

Test Result:

Test Item	Test Result
Thermal Resistance	0.025 (m ² ·K)/W

Note: The test result can not be compared with other results obtained from different test conditions, and should not be cited to the use condition directly.

Specimen Photo(s):



Remark: This test was subcontracted to SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd..

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

1-2/F., Building 1, European Industrial Park, No.1, Shunhe South Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 528300 t (86-757)22805888 www.ssgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙社区居民委员会顺和南路1号欧洲工业园一号厂房首层、二层 邮编: 528300 t (86-757)22805888 sgs.china@sgs.com