

Test Report

NO.: SHFS2209000552FF

Date: Oct. 10, 2022

Page 1 of 6

GAUDIAHOME, s.r.o.

VYSOKOSKOLAKOV 8421/41, 010 01 ZILINA
SLOVAKIA

Sample Description	: POLYESTER ACOUSTIC PANELS		
Color	: BLACK	Thickness	: 9MM
Composition	: 100%POLYESTER	Density	: 2.3GSM
Style/Item No	: AS001		
Manufacturer/Supplier	: GAUDIAHOME, s.r.o.		
End use application	: WALL DECORATION		

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Test Requested : EN 13501-1:2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests.
Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products, Class B.

Test Results : -- See attached sheet --

Test Period

Sample Receiving Date : Sep. 26, 2022
Test Performing Date : Oct. 8, 2022 TO Oct. 10, 2022

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Alex MAO
Lab Manager



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
Testing Center Fire Technology Service 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

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 www.sgsgroup.com.cn
中国·上海·嘉定区兴庆路1301号 邮编: 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 e sgs.china@sgs.com

I. Test Conducted

This test was conducted in accordance with EN 13501-1:2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests. And the test methods as following:

- 1) EN 13823:2020 Reaction to fire tests for building products - Building products excluding floorings exposed to the thermal attack by a single burning item.
- 2) EN ISO 11925-2:2020 Reaction to fire tests - Ignitability of products subjected to direct impingement of flame - Part 2: Single-flame source test.

II. Sample Details

Specimens Size	EN 13823: 1500x1000mm & 1500x495mm EN ISO 11925-2: 250x90mm		
Substrate	Gypsum plasterboard	Fixing method	Fix mechanically
Splicing method	None	Tested Face	Any side
Mounting and fixing	Gypsum plaster board, with its density approximate 650kg/m ³ , thickness approximate 12mm, is as the substrate. The Test specimens are fixed mechanically to the substrate. No joint in the long and short wings of the specimen.		

III. Test Results

Test method	Parameter	Results
EN 13823:2020	FIGRA _{0.2MJ} (W/s)	62.9
	FIGRA _{0.4MJ} (W/s)	39.6
	LFS < edge of specimen	Yes
	THR _{600s} (MJ)	1.4
	SMOGR(m ² /s ²)	2.6
	TSP _{600s} (m ²)	30.2
	Flaming droplets/particles	No
EN ISO 11925-2:2020 ⁱ Exposure = 30 s	Fs ≤ 150 mm within 60s	Yes
	Ignition of the filter paper	No

IV. Classification and field of application
a) Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018. The classes with their corresponding fire performance are given in annex 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 <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

SHFS

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 www.sgsgroup.com.cn
中国·上海·嘉定区兴庆路1301号 邮编: 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 e sgs.china@sgs.com

Test Report

NO.: SHFS2209000552FF

Date: Oct. 10, 2022

Page 3 of 6

b) Classification

The product, in relation to its reaction to fire behaviour is classified:

MEET	Class B
Classification	B—s1, d0

c) Field of application

This classification is valid for the following end use applications:

- With all substrates classified A1 and A2
- Fix mechanically
- No joint

This classification is valid for the following product parameters:

- Characteristics as described in section II of this test reports.

V. Statement

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Within the territory of the people's Republic of China, this report is only used for domestic customers' scientific research, teaching, internal quality control and product R & D, and does not have the role of social certification.



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

SHFS

SGS-CSTC Shanghai Technical Service Co., Ltd.
Testing Center Fire Technology Service Laboratory

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 www.sgs.com.cn
中国·上海·嘉定区兴庆路1301号 邮编: 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 e sgs.china@sgs.com

Test Report

NO.: SHFS2209000552FF

Date: Oct. 10, 2022

Page 4 of 6

Annex A

Classes of reaction to fire performance for construction products excluding floorings and linear pipe thermal insulation products

Class	Test method(s)		Classification criteria	Additional classification
A1	EN ISO 1182 ^a and		$\Delta T \leq 30^{\circ}\text{C}$, and $\Delta m \leq 50\%$, and $t_f = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716		$\text{PCS} \leq 2.0\text{MJ/kg}$ ^a and $\text{PCS} \leq 2.0\text{MJ/kg}$ ^{b c} and $\text{PCS} \leq 1.4\text{MJ/m}^2$ ^d and $\text{PCS} \leq 2.0\text{MJ/kg}$ ^e	-
A2	EN ISO 1182 ^a or	and	$\Delta T \leq 50^{\circ}\text{C}$, and $\Delta m \leq 50\%$, and $t_f \leq 20\text{ s}$	-
	EN ISO 1716		$\text{PCS} \leq 3.0\text{MJ/kg}$ ^a and $\text{PCS} \leq 4.0\text{MJ/m}^2$ ^b and $\text{PCS} \leq 4.0\text{MJ/m}^2$ ^d and $\text{PCS} \leq 3.0\text{MJ/kg}$ ^e	-
	EN 13823		$\text{FIGRA}_{0,2\text{ MJ}} \leq 120\text{W/s}$ and $\text{LFS} < \text{edge of specimen}$ and $\text{THR}_{600\text{s}} \leq 7.5\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
B	EN 13823 and		$\text{FIGRA}_{0,2\text{ MJ}} \leq 120\text{W/s}$ and $\text{LFS} < \text{edge of specimen}$ and $\text{THR}_{600\text{s}} \leq 7.5\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s		within 60s $\text{Fs} \leq 150\text{mm}$	
C	EN 13823 and		$\text{FIGRA}_{0,4\text{ MJ}} \leq 250\text{W/s}$ and $\text{LFS} < \text{edge of specimen}$ and $\text{THR}_{600\text{s}} \leq 15\text{MJ}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s		$\text{Fs} \leq 150\text{mm}$ within 60 s	
D	EN 13823 and		$\text{FIGRA}_{0,4\text{ MJ}} \leq 750\text{W/s}$	Smoke production ^f and Flaming droplets/particles ^g
	EN ISO 11925-2 ⁱ Exposure = 30s		$\text{Fs} \leq 150\text{mm}$ within 60 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 <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

SHFS

SGS-CSTC Shanghai Technical Services (Shanghai) Co., Ltd.
Testing Center Fire Technology Service Laboratory

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800
中国·上海·嘉定区兴庆路1301号

t (86-21) 6115 2543
邮编: 201800

f (86-21) 6115 6899
f (86-21) 6115 6899

www.sgsgroup.com.cn
e sgs.china@sgs.com

Test Report

NO.: SHFS2209000552FF

Date: Oct. 10, 2022

Page 5 of 6

E	EN ISO 11925-2 ⁱ Exposure =15s	Fs≤150mm within 20 s	Flaming droplets/particles ^h
F	EN ISO 11925-2 ⁱ Exposure = 15s	Fs>150mm within 20 s	

^a For homogeneous products and substantial components of non-homogeneous products.
^b For any external non-substantial component of non-homogeneous products.
^c Alternatively, any external non-substantial component having a PCS ≤ 2,0 MJ/m², provided that the product satisfies the following criteria of EN 13823: FIGRA ≤ 20 W/s, and LFS < edge of specimen, and THR_{600s} ≤ 4,0 MJ, and s1, and d0.
^d For any internal non-substantial component of non-homogeneous products.
^e For the product as a whole.
^f s1 = SMOGRA ≤ 30m²/s² and TSP_{600s} ≤ 50m²; s2 = SMOGRA ≤ 180m²/s² and TSP_{600s} ≤ 200m²; s3 = not s1 or s2
^g d0 = No flaming droplets/ particles in EN 13823 within 600 s;
d1 = no flaming droplets/ particles persisting longer than 10 s in EN 13823 within 600 s;
d2 = not d0 or d1.
Ignition of the paper in EN ISO 11925-2 results in a d2 classification.
^h Pass = no ignition of the paper (no classification);
Fail = ignition of the paper (d2 classification).
ⁱ Under conditions of surface flame attack and, if appropriate to the end-use application of the product, edge flame attack.



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

SHFS

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 www.sgs.com.cn
中国·上海·嘉定区兴庆路1301号 邮编: 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 e sgs.china@sgs.com

Photo Appendix:



Before test(EN 13823)

After test(EN 13823)

SGS authenticate the photo on original report only

End of Report



SGS-CSTC Shanghai Technical Service Co., Ltd.
Testing Center Fire Technology Service 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

No.1301, Xingqing Road, Jiading District, Shanghai, China 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 www.sgsgroup.com.cn
中国·上海·嘉定区兴庆路1301号 邮编: 201800 t (86-21) 6115 2543 f (86-21) 6115 6899 e sgs.china@sgs.com