Integart sp. z o.o.

Ul. Maszynowa 1 55-330 Błonie Poland

Sample Description	:	Apex Premium Printing Floor
Material and Mark	:	PVC + polyester
Product or Lot No.	:	Apex Premium PrintingFloor 800g & 1000g
Buyer	:	Integart sp. z o.o.
Others	:	white/white & white/black

The above sample(s) data and information 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 arising therefrom. Results apply to the sample as received.

****

SGS Ref. No.	:	SHIN2602000378CM01
Sample Receiving Date	:	Feb 03,2026
Testing Period	:	Feb 03,2026 to Feb 25,2026
Test Required	:	DIN 4102-1:1998-05 Fire behaviour of building materials and building components, Part 1: Classification of building materials, Requirements and testing, Class B1 building materials---For flooring materials.
Test result(s)	:	See attached sheet
Conclusion	:	The tested sample **meets** the requirements of class **B1** flooring materials under DIN 4102-1:1998-05.

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

Eva

Eva Zhang
Approved signatory

Scan to see the report
AJFTS26000940R01
Verification:
check.sgsonline.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

I. Test Conducted

This test was conducted as per DIN 4102-14:1990-05 Fire behaviour of building materials and elements; floor coverings and floor coating; Determination of the rate of flame spread using a radiant heat source and DIN 4102-1:1998-05 Clause 6.2. Classification in according to DIN 4102-1: 1998-05 Clause 6.1-Class B1 materials.

II. Sample details

Sample description	Flooring
Color	White
Density	938 g/m^2
Thickness	2.1mm
Specimen size	1050mm×230mmx2.1mm & 230mm×90mmx2.1mm
Test surface	Fabric surface

III. Conditioning

Prior to testing, the sample was conditioned,

At least 14 days at a temperature of 23±2°C and at a relative humidity of 50±5%.

IV. Test results

1) DIN 4102 Part 14:1990-05 Radiant Heat Source Test

Distance (cm)	S1	S2	S3
	Time (min:s)	Time (min:s)	Time (min:s)
5	02:36	02:49	02:44
10	---	---	---
15	---	---	---
20	---	---	---
25	---	---	---
30	---	---	---
35	---	---	---
40	---	---	---
45	---	---	---
50	---	---	---
55	---	---	---
60	---	---	---

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch Fire Technology Service
检验检测专用章 Inspection & Testing Services

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. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

65	---	---	---
70	---	---	---
75	---	---	---
80	---	---	---
85	---	---	---
90	---	---	---
95	---	---	---
100	---	---	---
105	---	---	---
Extinguishing time (min:s)	12:00	12:00	12:00
Max. flame spread distance (cm)	7	8	7

Specimen No.	S1	S2	S3
Flame front distance at 10 min (cm)	7	8	7
Flame front distance at 20 min (cm)	7	8	7
Flame front distance at 30 min (cm)	7	8	7
Radiant flux at 10 minutes, RF10 (W/cm^2)	≥1.1	≥1.1	≥1.1
Radiant flux at 20 minutes, RF20 (W/cm^2)	≥1.1	≥1.1	≥1.1
Radiant flux at 30 minutes, RF30 (W/cm^2)	≥1.1	≥1.1	≥1.1

Conclusion:

Specimen No.	1	2	3	Average
CHF (W/cm^2)	≥1.1	≥1.1	≥1.1	≥1.1
Integral of light attenuation (% min)	47.3	52.5	49.6	49.8

检验检测专用章 Inspection & Testing Services

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. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn

中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com

2) Normal Flammability Test according to DIN 4102-1 Clause 6.2

Surface ignition

Fire application time: 15s

Parameter	1	2	3	4	5
Whether or not flaming extinguished before reach the gauge mark (Yes/No)	Yes	Yes	Yes	Yes	Yes
Whether or not flaming reach the measuring mark within 20 seconds (Yes/No)	No	No	No	No	No
Time for the flame tip to reach the gauge mark (s)	NA	NA	NA	NA	NA
Afterflame time (s)	0	0	0	0	0
Max. flame height (cm)	6	5	7	6	6
Molten dripping (Yes/No)	No	No	No	No	No
Smoke developments (visual impression)	Slight				

Criteria for classification B1

1) Materials used as flooring may be classified as B1 materials if they pass the fire test specified in DIN 4102-14 and meet the requirements for B2 materials.
2) The fire test in DIN 4102-14 shall be deemed passed if the mean critical irradiance, I, for three specimens is at least 0.45 W/cm^2, and the mean light absorptance obtained by integrating over 30 minutes for three specimens is no greater than 750 %*min.

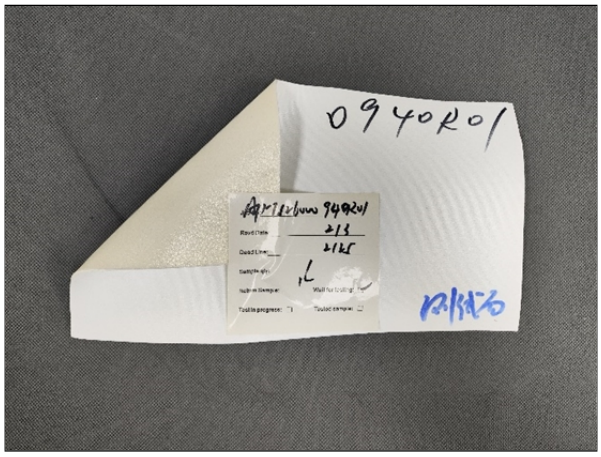
Criteria for classification B2

For each specimen flaming doesn't reach the gage mark (150mm marks) within 20s after flame application.

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch
检验检测专用章 Inspection & Testing Services

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. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Photo Appendix:



SGS authenticate the photo on original report only

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. 301, Sunlight Road, 2 Block, Sunlight Industry Zone, Anji County, Zhejiang Province, China 313300 t (86-572) 5018825 f (86-572) 5018829 www.sgsgroup.com.cn
中国·浙江·安吉县阳光工业园二区阳光大道301号 邮编: 313300 t (86-572) 5018825 f (86-572) 5018829 sgs.china@sgs.com
Member of the SGS Group (SGS SA)