

TEST REPORT

No.: AJFTS25005369R01_EN

Date: Aug 25,2025

Page 1 of 4

HANWEI ARTIFICIAL GRASS (CHANGZHOU) CO., LTD

888 NANDIAN ROAD, JINTAN DISTRICT, CHANGZHOU, JIANGSU, CHINA

Sample Description : ARTIFICIAL GRASS

Style/Item No. : /

Manufacturer : HANWEI ARTIFICIAL GRASS (CHANGZHOU) CO., LTD

Country of Origin : CHINA

Country of Destination : AUSTRALIA

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. : SHHL2508046156SD

Sample Receiving Date : Aug 08,2025

Testing Period : Aug 08,2025 to Aug 21,2025

Test Required : AS ISO 9239.1-2003(R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.

Test result(s) : See attached sheet

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



Eva Zhang
Approved signatory

Scan to see the report



AJFTS25005369R01
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

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

TEST REPORT

No.: AJFTS25005369R01_EN

Date: Aug 25,2025

Page 2 of 4

I. Test conducted

This test was conducted as per AS ISO 9239.1-2003(R2016) Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.

II. Sample details

Sample Description	Artificial Grass
Color	Green
Thickness	30.0mm
Area density	2.7 kg/m ²
Specimen size	1050mm×230mm×30.0mm
Test surface	Lawn surface

Conditioning:

Prior to testing, the sample was conditioned to constant mass at temperatures of 23±2°C and at a relative humidity of 50±5% for at least 48 h, until constant mass is achieved.

Mounting of Test Assembly:

Fibre cement board, with its density approximate 1800kg/m³, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. No joint in the specimens.

III. Test results

Distance (mm)	S1 (//)	S2 (⊥)	S3 (//)	S4 (//)
	Time (min: s)	Time (min: s)	Time (min: s)	Time (min: s)
50	3:15	3:26	3:19	3:11
100	3:48	4:00	3:54	3:42
150	4:18	4:42	4:24	4:21
200	4:46	5:11	4:56	4:51
250	6:23	6:53	6:18	6:32
300	7:11	7:41	7:06	7:26
350	9:37	11:26	9:44	9:51
400	12:06	--	12:36	13:02
450	--	--	--	--
500	--	--	--	--
550	--	--	--	--
600	--	--	--	--

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

TEST REPORT
No.: AJFTS25005369R01_EN
Date: Aug 25,2025
Page 3 of 4

650	--	--	--	--
700	--	--	--	--
750	--	--	--	--
800	--	--	--	--
850	--	--	--	--
900	--	--	--	--
950	--	--	--	--
1000	--	--	--	--
All flame-out time (min:s)	27:21	25:42	26:57	27:31
Test duration (min:s)	30:00	30:00	30:00	30:00
The final maximum flame spread distance (mm)	440	380	430	420

	S1 (//)	S2 (⊥)	S3 (//)	S4 (//)
Flame front distance at 10 min (mm)	360	330	360	360
Flame front distance at 20 min (mm)	440	380	430	420
Flame front distance at 30 min (mm)	440	380	430	420
Heat Flux at 10 minutes, HF-10 (kW/m ²)	6.0	6.8	6.0	6.0
Heat Flux at 20 minutes, HF-20 (kW/m ²)	4.6	5.6	4.8	5.0
Heat Flux at 30 minutes, HF-30 (kW/m ²)	4.6	5.6	4.8	5.0
CHF (Critical heat flux at extinguishment) (kW/m ²)	4.6	5.6	4.8	5.0

Results of the smoke measurement

The integral of the smoke (%×min)	238.0	221.6	234.6	230.5
Max. light attenuation (%)	26.8	21.2	25.2	23.7

Summary of results:

	S1 (//)	S2 (⊥)	S3 (//)	S4 (//)	Average
The integral of the smoke (%×min)	238.0	221.6	234.6	230.5	234.4
CHF (kW/m ²)	4.6	5.6	4.8	5.0	4.8

Note: ⊥ -Width direction; // --Length direction

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

TEST REPORT

No.: AJFTS25005369R01_EN

Date: Aug 25,2025

Page 4 of 4

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.

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