

TEST REPORT

No. : GZIN2406000905CM02_EN

Date : 2024-07-04

Page: 1 of 4



CUSTOMER NAME: HUANGSHAN HUASU NEW MATERIAL SCIENCE & TECHNOLOGY CO.,LTD

ADDRESS: CHENGBEI INDUSTRIAL ZONE, HUIZHOU DISTRICT, HUANGSHAN CITY,245900, ANHUI, CHINA

Sample Name : WPC WALL PANEL

Product Specification : 219H26

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.

Date of Receipt : 2024-06-06

Testing Period : 2024-06-06 ~ 2024-07-04

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. Guangzhou
Branch.

Toby Yang
Authorized signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

Room 101, Building 3, No.1501, Kaichuang Avenue, Huangzhou District, Guangzhou, Guangdong Province, China 510760
中国·广东·广州市黄埔区开创大道1501号3栋101房 邮编: 510760

t (86-20) 82155688 www.sgsgroup.com.cn
f (86-20) 82155688 sgs.china@sgs.com

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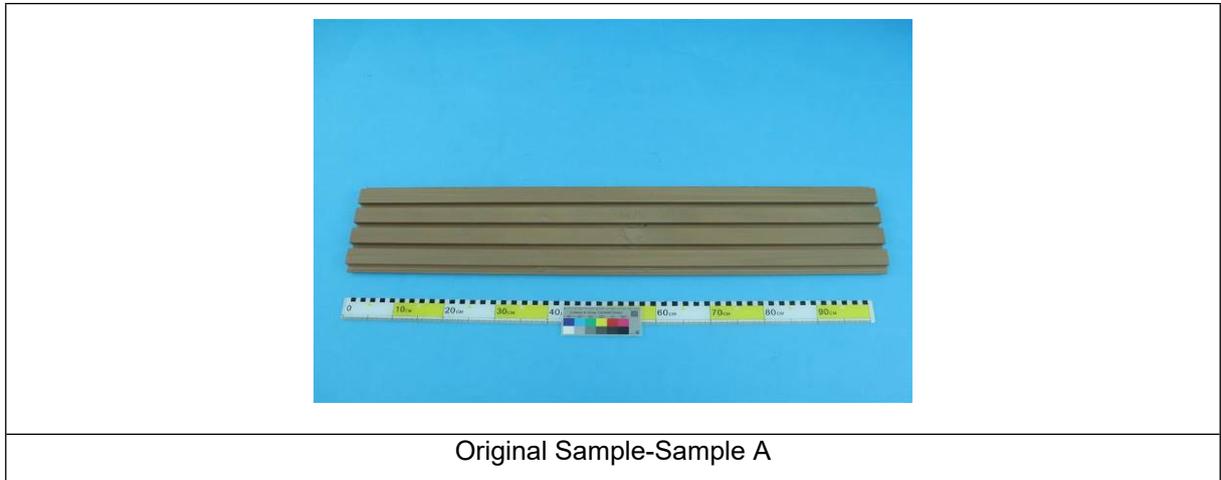
Page: 2 of 4

Summary of Results:

No.	Test Item	Test Method	Result		Conclusion
1	Determination of the Burning Behavior Using a Radiant Heat Source	AS ISO 9239.1-2003	Critical heat flux (CHF)	≥11 kW/m ²	/

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

Original Sample Photo:



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Page: 3 of 4

Test item: Determination of the Burning Behavior Using a Radiant Heat Source

Sample Description: Panel

Test Method: AS ISO 9239.1-2003

Test condition:

Specimen: 1050 × 230 × 25.6mm

Flame application time: 10min

Mounting and fixing: Calcium silicate board, with its density about 1016kg/m³, thickness about 21.4mm, is as the substrate. The specimens were fixed mechanically to the substrate.

Test result:

Specimen No.	1	2	3	Average
The flame-spread distance at 10min, mm	30	30	40	33
The flame-spread distance at 20min, mm	30	30	40	33
The flame-spread distance at 30min, mm	30	30	40	33
Heat flux at 10 min (HF-10), kW/m ²	≥11	≥11	≥11	≥11
Heat flux at 20 min (HF-20), kW/m ²	≥11	≥11	≥11	≥11
Heat flux at 30 min (HF-30), kW/m ²	≥11	≥11	≥11	≥11
Critical heat flux (CHF), kW/m ²	≥11	≥11	≥11	≥11
Integrated smoke value, %·min	66.74	52.68	70.30	63.24

Note:

- Specimens that do not ignite or which spread flame less than 110 mm have a critical heat flux ≥ 11kW/m².
- Observations of the burning characteristics: Charring.



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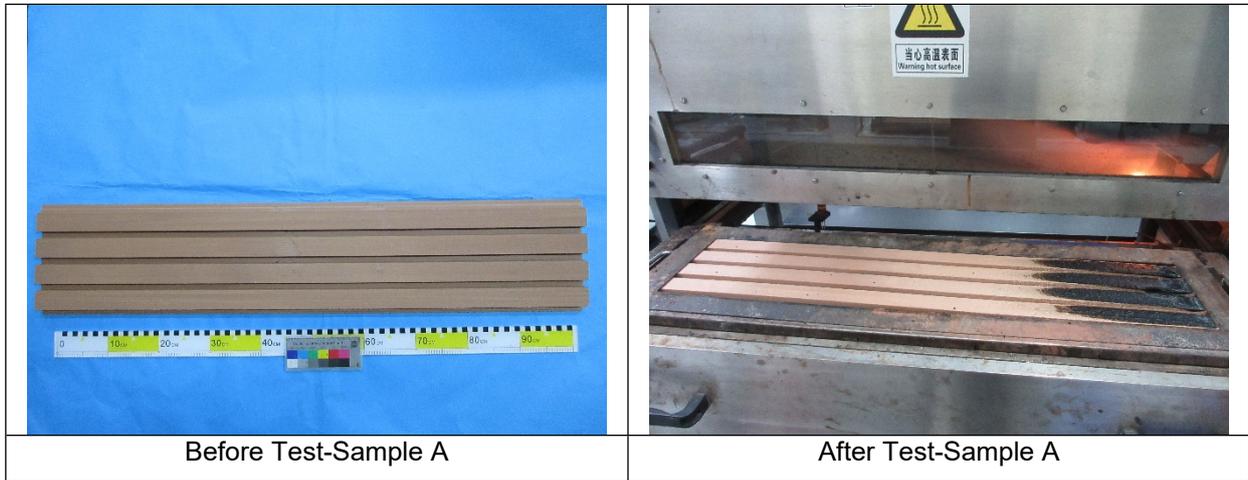
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Page: 4 of 4

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.

Test Photo:



Before Test-Sample A

After Test-Sample A

*****End of report*****



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Guangzhou Branch Certification Services Laboratory

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