

## TEST REPORT

No. : GZIN2101002332CM

Date : Mar 22, 2021

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scan to see the report



GZIN2101002332CM

CUSTOMER NAME: HUIZHOU OAKIO PLASTIC WOOD BUILDING MATERIALS CO., LTD.  
ADDRESS: 36TH FLOOR, BUILDING 3, HUAMAO BUILDING, WENCHANG ROAD  
1, HUIZHOU, GUANGDONG CHINA

Sample Name : Co extrusion WPC Decking - Elashield

Material and Mark : WPC

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.

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Date of Receipt : Jan 13, 2021

Testing Start Date : Jan 13, 2021

Testing End Date : Mar 22, 2021

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. GZ Branch Testing  
Center

Tobby Yang  
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center (Plastic Wood Building Material Laboratory)

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Sample

Description :

Specimen No.:	SGS Sample ID:	Description:
1.	GZF21-001460.001	Block sample.

**Test Result(s) :**

Test Requested : Antimicrobial activity test

Test Method : ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi

Test organism(s)	Concentration of spores (spores/mL)	Rating observed growth on specimens (after 28 days)
*Test organism	1.0x 10 <sup>6</sup>	0 Grade

Notes :

1.\*Test organism

Aspergillus brasiliensis ATCC 9642, Penicillium funiculosum ATCC 11797, Chaetomium globosum ATCC 6205, Trichoderma virens ATCC 9645, Aureobasidium pullulans ATCC 15233

2. History name of test organism

Aspergillus brasiliensis Historically known as A.niger.

Penicillium funiculosum Historically known as P.pinophilum.

Trichoderma virens Historically known as Gliocladium virens.

3. According to ASTM G 21-15 Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi, observed fungi growth rating on the specimens include:

0-None

1-Traces of growth (less than 10%)

2-Light growth (10 to 30%)

3-Medium growth (30 to 60%)

4-Heavy growth (60% to complete coverage)

4.The microscope(50 X) was used to confirm the observation.



SGS-TESTING SERVICES  
Guangzhou Branch Testing (Levee Technical Development Material Laboratory)

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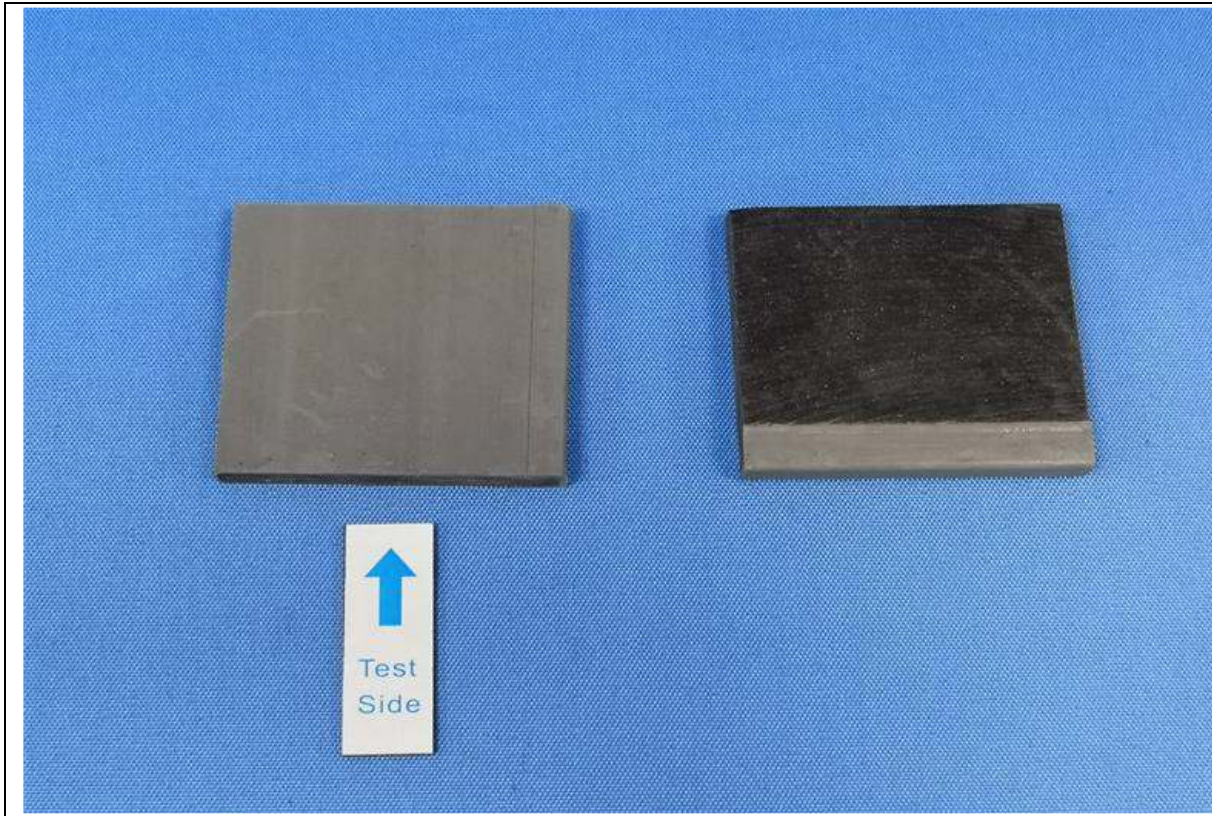
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Sample photo:



SGS authenticate the photo on original report only  
\*\*\*\*\* End of report\*\*\*\*\*



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