

Test Report

ASH25-0017866-01

Date: 2025-05-08

Client Address: Longbanshan Area, Industrial Zone, Suichang County, Lishui City, Zhejiang, China

Sample Name: Zhuart N-cube outdoor bamboo decking
Sample Batch No.: /
Production Date: /
Manufacturer: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS reference No.: NBCCM2503000025
Date of Sample Received: 2025-03-19
Testing Period: 2025-03-19 ~ 2025-05-08
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).



SGS Approved Signatory

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ASH25-0017866-01

Date: 2025-05-08

Sample Description:

Sample No.	SGS Sample ID	Description
1	ASH25-0017866-0001	sample in bag

Test Result(s):

Test Requested: Selected test(s) as requested by applicant: Antifungal activity test

Test Method: Refer to ISO 846-2019 Plastics-Evaluation of the action of microorganisms Method A: Fungal-growth test

ASH25-0017866-0001

Test organism(s)	*Test organism
Spores suspension (spores/mL)	1.0×10^6
Growth assessment- Sample: 28 days (I)	0
Growth assessment-Negative controls:28 days(I)	1a
Growth assessment- Sterile specimens: 28 days (S)	0

Notes:

1. Test conditions:

The dimensions of the specimens: 50 mm×50 mm.

Incubation temperature: 29 ± 1 °C.

Negative controls: stainless steel coupons.

Cleaning: dip specimens into an ethanol-water mixture for 1 min and dry at 45 °C for 4 h.

2. *Test organism: Aspergillus niger ATCC 6275, Penicillium pinophilum ATCC 11797, Paecilomyces variotii AS 3.4253, Trichoderma virens ATCC 9645, Chaetomium globosum ATCC 6205.

3. Assessment of fungal growth:

Intensity of growth	Evaluation
0	No growth apparent under the microscope.
1a	No growth visible to the naked eye, but clearly visible under the microscope. Covering up to 25% of the test surface.
1b	No growth visible to the naked eye, but clearly visible under the microscope. Covering up to 50% of the test surface.
1c	No growth visible to the naked eye, but clearly visible under the microscope. Covering more than 50% of the test surface.
2	Growth visible to the naked eye, covering up to 25% of the test surface.
3	Growth visible to the naked eye, covering up to 50% of the test surface.
4	Considerable growth, covering more than 50% of the test surface.
5	Heavy growth, covering the entire test surface.



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Sample Photo:



SGS authenticate the photo on original report only

Attention:

Chinese shall prevail in this report.

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