

Bodo Plastics Co., Ltd.

TEST REPORT

SCOPE OF WORK

WPC Flooring

REPORT NUMBER

221213002SHF-001

TEST DATE(S)

2022-12-13 - 2022-12-19

ISSUE DATE

2022-12-19

PAGES

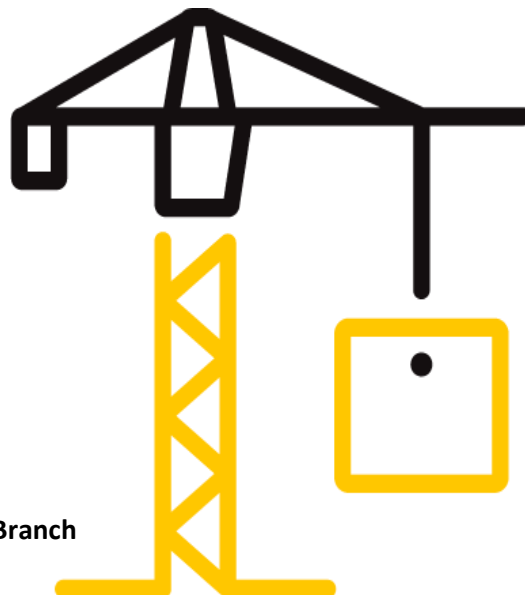
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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(September 1, 2022)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2022-12-19 Intertek Report No. 221213002SHF-001
Applicant: Bodo Plastics Co., Ltd.
Address: Economic Development Zone, Yi yuan County, Zibo City, Shandong Province
Attn: Jian Ma
Manufacturer: Bodo Plastics Co., Ltd.
Address: Economic Development Zone, Yi yuan County, Zibo City, Shandong Province
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	WPC Flooring	Brand	BODO
Sample Description	Good Condition	Sample Amount	3 pcs
		Received Date	2022-12-12
Sample ID	Model	Specification	
S221213002SHF.001	BTWF-001	1520mm*228.6mm*13mm	

Test Methods And Standards

Test Standard	ISO 23999:2021
Specification Standard	ASTM F3261-20 and applicant's requirement
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1. This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized

Sally Xie *Mae Zhang*
Name: Sally Xie Name: Mae Zhang
Title: Reviewer Title: Project Engineer



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Test Items, Method and Results:

ASTM F3261-20 Standard Specification for Resilient Flooring in Modular Format with Rigid Polymeric Core

Physical Requirements:

Characteristics	Test requirements	Test Method	Verdict
Dimensional stability	Residential, (avg, max) $\leq 0.25\%$	ISO 23999:2021 (70°C, 6h)	Pass
	Commercial, (max) $\leq 0.2\%$		
Curl	$\leq 2\text{mm}$		N/A

Note:

N/A: No verdict according to the requirement of the applicant.

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Test Items, Method and Results:

Test Item: Dimensional stability and curling

Test Method: ISO 23999:2021

Conditioning:

Temperature: 23 °C

Humidity: 50 %

Duration: 24 h

Measure the initial length and curling

Test Condition:

Temperature: 70 °C

Duration: 6 h

Reconditioning:

Temperature: 23 °C

Humidity: 50 %

Duration: 24 h

Measure the final length and curling

Test Result:

Specimen	Dimensional stability (%)		Curling (mm)
	Length direction/Machine direction	Width direction/Across machine direction	
1	-0.16	0.05	0.93
2	-0.15	0.04	2.63
3	-0.16	0.04	1.93
Average	-0.15	0.05	2.0
Max.	-0.16	0.05	2.63

Note:

1. Dimensional stability = (final length - initial length)×100/initial length

Express the average value to the nearest 0.05%

A negative value indicates shrinkage and a positive value indicates growth.

2. Curling = final curling - initial curling

Express the average value to the nearest 0.5mm

Upward curling is expressed as a positive value and downward curling (sometimes referred to as doming) is expressed as a negative value.

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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
221213002SHF-001	2022-12-19	First issue