BODO Plastics Co.,Ltd.

TEST REPORT

SCOPE OF WORK
WPC Flooring

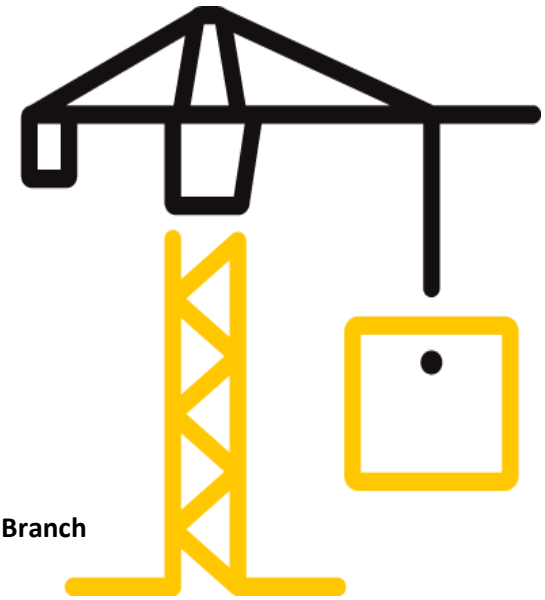
REPORT NUMBER
221028009SHF-005

TEST DATE(S)
2022-10-28 - 2022-11-22

ISSUE DATE
2022-11-22

PAGES
7

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



Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Test Report

Issue Date: 2022-11-22 Intertek Report No. 221028009SHF-005

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**	13pcs
		Received Date	2022-10-26

Sample ID	**Model**	**Specification**
S221028009SHF.018~020, 022	BTWF-001	1524mm*180mm*9.5mm

Test Methods And Standards

Test Standard	EN ISO 10582:2018 (ISO 10582:2017) Annex B, Annex C, Annex D
Specification Standard	EN ISO 10582:2018 (ISO 10582:2017)
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

Daniel Zhang Aaron Cai

Name: Daniel Zhang Name: Aaron Cai

Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2022-11-22 Intertek Report No. 221028009SHF-005

Test Items, Method and Results:

EN ISO 10582:2018 (ISO 10582:2017) Resilient floor coverings - Heterogeneous poly(vinyl chloride) floor coverings - Specifications

General requirements:

Characteristics	Test requirements	Test Method	Verdict
Flatness of tiles/planks with a locking system on the edges and self-supporting	Length Concave/convex[% of the length]: ≤0.50/≤1.0 Width Concave/convex[% of the width]: ≤0.10/≤0.15	ISO 10582:2017 Annex B	Pass
Openings between tiles/planks with a locking system on the edges	Average: ≤0.15 mm Individual value: ≤0.20 mm	ISO 10582:2017 Annex C	Pass
Height difference between tiles/planks with a locking system on the edges	Average: ≤0.10 mm Individual value: ≤0.15 mm	ISO 10582:2017 Annex C	Pass
Locking strength	Class 31, 32, 33: ≥1.5 kN/m Class 34: ≥2.0 kN/m	ISO 10582:2017 Annex D	Pass

Note:

1. Test items were selected by applicangt.

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Issue Date: 2022-11-22 Intertek Report No. 221028009SHF-005

Test Items, Method and Results:

Test Item: Flatness, Openings and Height difference

Test Method: EN ISO 10582:2018 (ISO 10582:2017) Annex B, Annex C

Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h

Test Result:

Flatness	Maximum single values:		
	$f_{w,\ concave}$=	N/A	%
	$f_{w,\ convex}$ =	0.05	%
	Maximum single values:		
	$f_{l,\ concave}$ =	N/A	%
	$f_{l,\ convex}$ =	0.04	%
Openings	Average Value=	0.03	mm
	Maximum value =	0.05	mm
Height difference	Average Value=	0.05	mm
	Maximum value =	0.07	mm

Test Report

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Test Items, Method and Results:

Test Item: Locking Strength
Test Method: EN ISO 10582:2018 (ISO 10582:2017) Annex D
Conditioning: Condition the test specimens at (23 ± 2)°C and (50 ± 5)% relative humidity for at least 24h
Test Condition: Test speed 100 mm/min

Test Result:

Test item		Average Result
Locking strength F (kN/m)	Long side:	4.6
	Short side:	4.7

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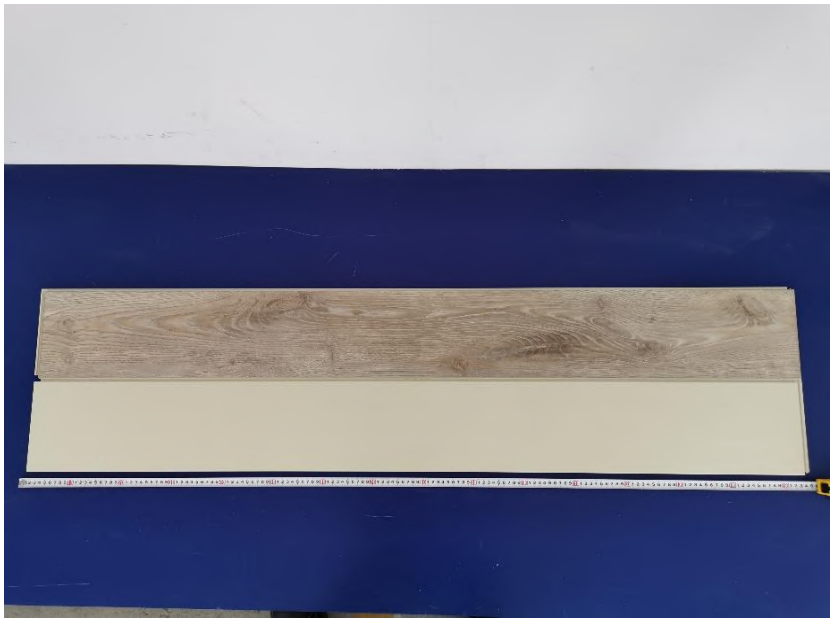
Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
221028009SHF-005	2022-11-22	First issue