

*LLC "POLIVAN"*

# TEST REPORT

## SCOPE OF WORK

Co-Extrusion Decking

## REPORT NUMBER

220726013SH-003

## TEST DATE(S)

2022-07-26 - 2022-11-08

## ISSUE DATE

2022-12-09

## PAGES

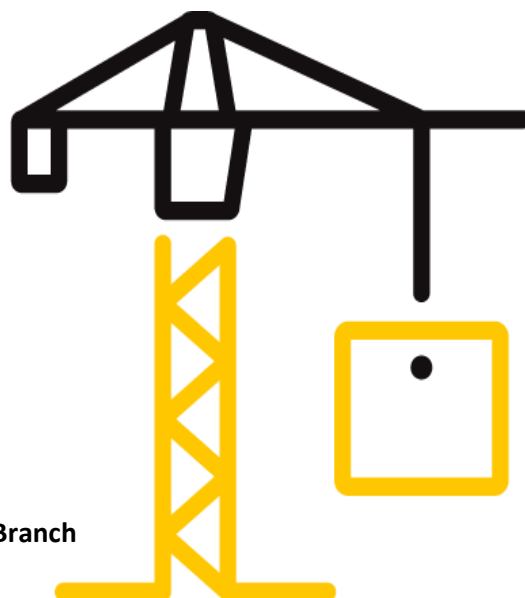
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## DOCUMENT CONTROL NUMBER

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: 2022-12-09 Intertek Report No. 220726013SH-003  
Applicant: LLC "POLIVAN"  
Address: 690039, Primorsky Territory, Vladivostok, st. Russkaya, 19 V, office 802.2  
Attn: Polivanny Andrey Aleksandrovich  
Manufacturer: LLC "POLIVAN"  
Address: 690039, Primorsky Territory, Vladivostok, st. Russkaya, 19 V, office 802.2  
Test Type: Performance test, samples provided by the applicant.

### Product Information

Product Name	Co-Extrusion Decking	Brand	/
Sample Description	Good Condition	Sample Amount	1 piece
		Received Date	2022-07-25
Sample ID	Model	Specification	
S220726013SH.003	140X20	/	

### Test Methods And Standards

Test Standard	ISO 4892-2:2013/Amd.1:2021
Specification Standard	/
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*  
Name: Daniel Zhang  
Title: Reviewer

*Torres Qi*  
Name: Torres Qi  
Title: Project Engineer



## Test Report

Issue Date: 2022-12-09

Intertek Report No. 220726013SH-003

### Test Items, Method and Results:

Test Item: Resistance to artificial weathering - Xenon-arc Lamps

Test Sample: Co-Extrusion Decking

Test Method: ISO 4892-2:2013/Amd.1:2021 Cycle 1

Exposure cycle:

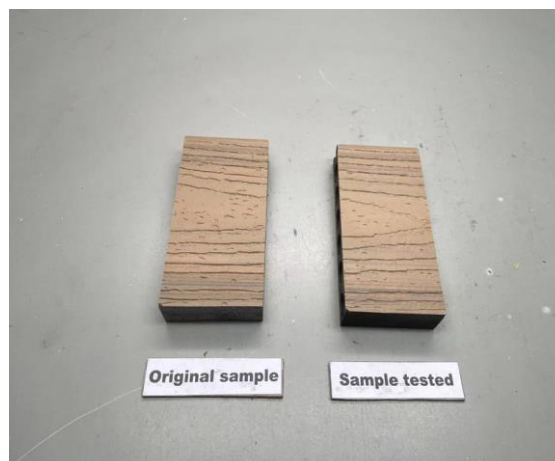
1) 102 min light at  $(65 \pm 3)^{\circ}\text{C}$ , Black-standard-temperature, Relative humidity  $(50 \pm 10)\%$ ,  
Irradiance:  $0.51 \pm 0.02 \text{ W}/(\text{m}^2 \cdot \text{nm})$  at 340 nm.

2) 18 min light and water spray, Irradiance:  $0.51 \pm 0.02 \text{ W}/(\text{m}^2 \cdot \text{nm})$  at 340 nm.

Test Duration: 2000 hours

Test Result:

Exposure time	$\Delta L^*$	$\Delta a^*$	$\Delta b^*$	$\Delta E^*$	Grey scale	Observation
720h	0.34	0.23	0.22	0.49	4-5	Part showed slight color change on the surface
1000h	0.24	0.17	-0.14	0.35	5	Part showed no visual color change on the surface
1500h	0.36	0.18	0.23	0.47	4-5	Part showed slight color change on the surface
2000h	0.27	0.27	0.15	0.41	4-5	Part showed slight color change on the surface



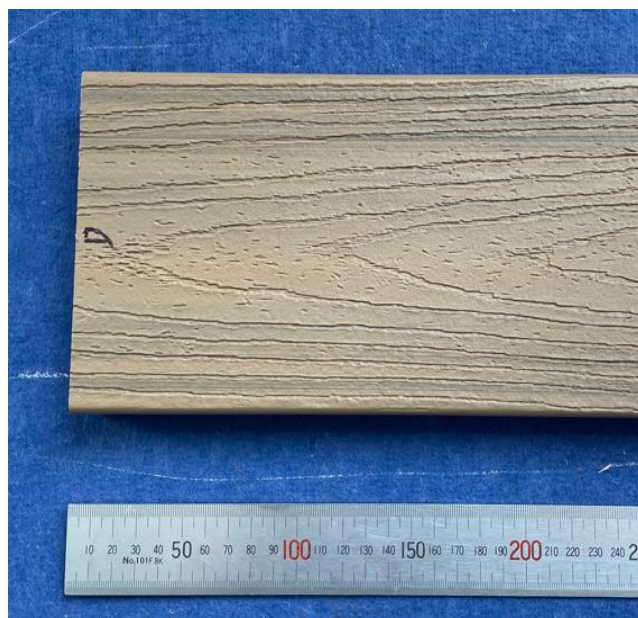
After test

## Test Report

Issue Date: 2022-12-09

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### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes
220726013SH-003	2022-12-09	First issue