

# Beijing Feimotang New Material Technology Co.,LTD

## TEST REPORT

**SCOPE OF WORK**

Co-extrusion decking

**REPORT NUMBER**

200413014SHF-008

**TEST DATE(S)**

2021-07-05 - 2021-10-14

**ISSUE DATE**

2021-11-30

**PAGES**

5

**DOCUMENT CONTROL NUMBER**

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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## Test Report

Issue Date: 2021-11-30 Intertek Report No. 200413014SHF-008  
Applicant: Beijing Feimotang New Material Technology Co.,LTD  
Address: Room 1306,building 8,yard 25,jiuqiao Road,jiugong Town,Daxing District Beijing  
Attn: Meifang Zheng  
Manufacturer : Beijing Feimotang New Material Technology Co.,LTD  
Address : Room 1306,building 8,yard 25,jiuqiao Road,jiugong Town,Daxing District Beijing  
Test Type : Performance test, samples provided by the applicant.

### Product Information

<b>Product Name</b>	Co-extrusion decking	<b>Brand</b>	/
<b>Sample Description</b>	Good Condition	<b>Sample Amount</b>	1 piece
		<b>Received Date</b>	2021-07-05
<b>Sample ID</b>	<b>Model</b>	<b>Specification</b>	
S200413014SHF.008	140X23	/	

### Test Methods And Standards

<b>Test Standard</b>	ISO 4892-2:2013
<b>Specification Standard</b>	/
<b>Test Conclusion</b>	The samples were tested according to the above standards, and the results are shown in the following page.

#### Note:


1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

### Report Authorized

  
Name: Sally Xie  
Title: Approver



  
Name: Daniel Zhang  
Title: Reviewer

  
Name: Torres Qi  
Title: Project Engineer

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### 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 Cycle 1

Exposure cycle:

1) 102 min light at (65±3)°C, Black-standard-temperature, Relative humidity (50±10)%,

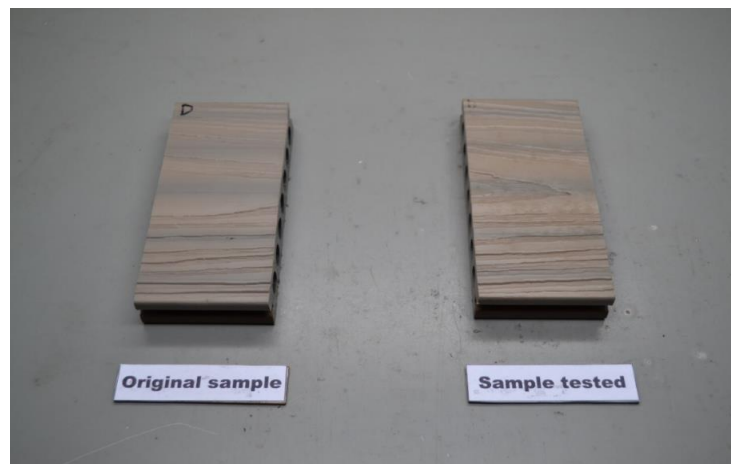
Irradiance:  $0.51 \pm 0.02 \text{ W}/(\text{m}^2 \cdot \text{nm})$  at 340 nm.

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	-0.82	0.06	0.12	0.84	4-5	Part showed slight color change on the surface
1000h	-1.10	-0.12	-0.24	1.16	4-5	Part showed slight color change on the surface
1500h	-1.49	0.06	-0.05	1.49	4	Part showed slight color change on the surface
2000h	-1.40	0.14	1.29	1.92	4	Part showed slight color change on the surface



After test

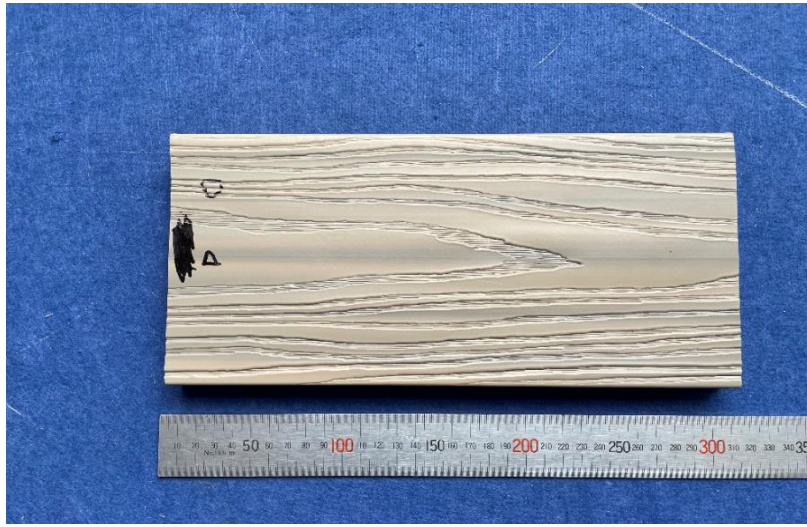


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### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes
200413014SHF-008	2021-11-30	First issue