# Nanjing Jufeng Advanced Materials Co., Ltd

# TEST REPORT

**SCOPE OF WORK**
Co-Ex Decking（REDWOOD）

**REPORT NUMBER**
191008002SHF-001

**TEST DATE(S)**
2019-10-10 - 2020-01-03

**ISSUE DATE**
2020-01-15

**PAGES**
6

**DOCUMENT CONTROL NUMBER**
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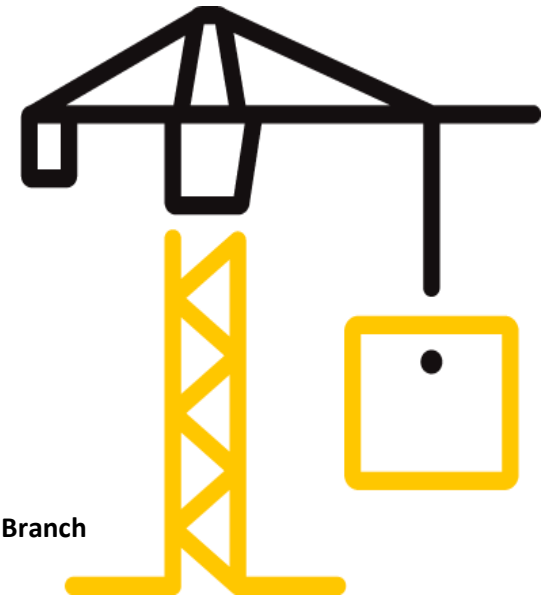

**Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch**

## Test Report

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: 021-61136116 Fax: 021-61189921
Website: www.intertek.com

# Test Report

Issue Date: 2020-01-15 Intertek Report No. 191008002SHF-001

Applicant: Nanjing Jufeng Advanced Materials Co., Ltd

Address: No.6, Chuangye Road, Nanjing High & New Tech Zone, Nanjing 210061

Attn: Fangzheng Zhu

Test Type： Performance test, samples provided by the applicant.

**Product Information**

| | | | |
|---|---|---|---|
| **Product Name** | Co-Ex Decking（REDWOOD） | **Brand** | / |
| **Sample Description** | Good Condition | **Sample Amount** | 1 piece |
| | | **Received Date** | 2019-09-30 |

| **Sample ID** | **Model** | **Specification** |
|---|---|---|
| S191008002SHF.002 | 140X22 | / |
| | | |

**Test Methods And Standards**

| | |
|---|---|
| **Test Standard** | EN 15534-1:2014+A1:2017 (E) section 8.1, ISO 4892-2:2013 |
| **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 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: Mason Wang Name: Torres Qi

Title: Reviewer Title: Project Engineer

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**Test Items, Method and Results：**

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

Test Sample: Co-Ex Decking（REDWOOD）

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 ± 0.02 W/($m^2$·nm) at 340 nm.

2) 18 min light and water spray, Irradiance: 0.51 ± 0.02 W/($m^2$·nm) at 340 nm.

Test Duration: 2000 hours

Test Result:

| Exposure time | ΔL* | Δa* | Δb* | ΔE* | Grey scale | Observation |
|---|---|---|---|---|---|---|
| 1000 h | -0.11 | -0.05 | -0.22 | 0.27 | 5 | Part showed no visual color change |
| 2000 h | 1.43 | -0.16 | -0.14 | 1.45 | 4 | Part showed slight color change and slight amount white spots occurred on the surface |

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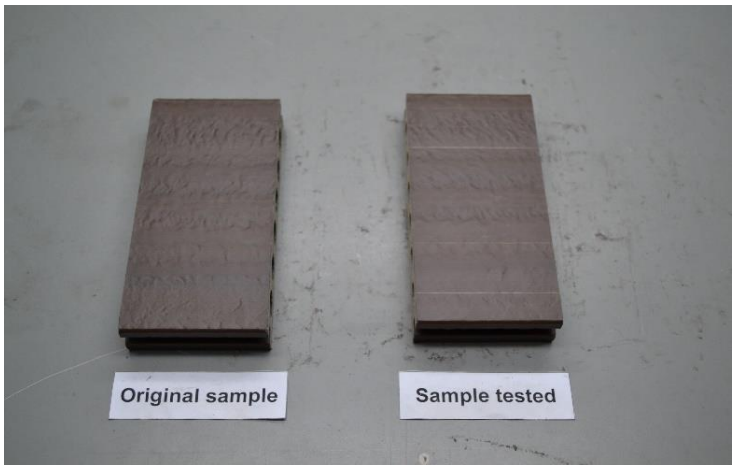
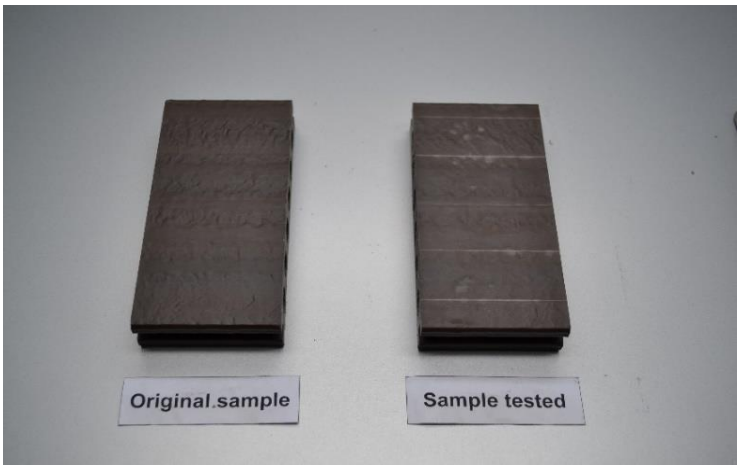
**Test Pictures：**




After 1000h test




After 2000h test

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**Appendix A: Sample Received Photo**

**Revision:**

| NO. | Date | Changes | Author | Reviewer |
|---|---|---|---|---|
| 191008002SHF-001 | 2020-01-15 | First issue | Torres Qi | Mason Wang |