



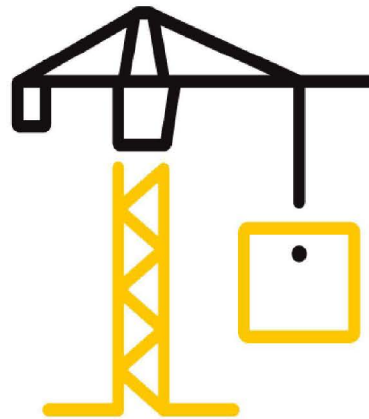
# TEST REPORT

**REPORT NUMBER**  
170601007SHF-BP-4

**ISSUE DATE**  
2017/9/6

**PAGES**  
5

**DOCUMENT CONTROL NUMBER**  
LFT-APAC-SHF-OP-10a



# Test Report

Issue Date: 2017/9/6

Report No. 170601007SHF-BP-4

**SUBJECT:** Performance testing  
Co-Ex Decking A

Dear Sir,

This test report for represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS
Refer to the next following Pages.

SAMPLE ID	MODEL	SPECIFICATION
S170601007SHF.003	140×22	/

SAMPLE RECEIVED: 2017/5/31  
TESTED FROM: 2017/6/1 TO 2017/8/28

# Test Report

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## Test Items, Method and Results:

Test Item: Resistance to artificial weathering

Test Sample: Co-Ex Decking A

Test Method: ISO 4892-2:2013 cycle 1

The Exposure cycle:

- 1) 102 min light at  $(65 \pm 3)^\circ\text{C}$ , Black-standard-temperature, Chamber temperature  $38 \pm 3^\circ\text{C}$ , Relative humidity  $(50 \pm 10)\%$ , Irradiance:  $0.51 \pm 0.02 \text{ W}/(\text{m}^2 \cdot \text{nm})$  at 340 nm Narrowband
- 2) 18 min light and water spray, Irradiance:  $0.51 \pm 0.02 \text{ W}/(\text{m}^2 \cdot \text{nm})$  at 340 nm Narrowband

Test Result:

Exposure time	$\Delta L^*$	$\Delta a^*$	$\Delta b^*$	$\Delta E^*$	Grey scale	Observation
720 hours	-0.14	0.11	0.18	0.26	5	Part showed no color change
1440 hours	-0.28	0.14	0.38	0.50	4-5	Part showed slight color change
2000 hours	-0.37	0.18	0.43	0.60	4-5	Part showed slight color change

Note:

1. Test photos were shown in next page

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### Test Photos:



After 720 hours test



After 1440 hours test



After 2000 hours test

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**APPENDIX: SAMPLE RECEIVED PHOTO**

