

SAC- REPUBLIC.



התבדוק  
במספר 15

# TEST REPORT

**REPORT NUMBER: 161010006SHF-BP-1**

ORIGINAL ISSUE DATE: 2016-11-07

## EVALUATION CENTER

Intertek Testing Services Ltd., Shanghai  
Plant 7, No. 6958 Daye Road, Fengxian District, Shanghai, China

## RENDERED TO

**Republic Flooring**

**2250 Yates Ave. Commerce, CA 90040**

## PRODUCT EVALUATED

**1.5mm Anti-Bacterial EVA**

## EVALUATION PROPERTY

As requested by the applicant, for details refer to attached pages(s).

*"This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program."*

Report Template Revision Date: 2016/9/1



# Test Report

Report Number: 161010006SHF-BP-1

Report Date: 2016-11-07

|                           |   |
|---------------------------|---|
| <b>Applicant:</b>         | <b>Republic Flooring</b>                  |
| <b>Applicant Address:</b> | <b>2250 Yates Ave. Commerce, CA 90040</b> |
| <b>Attn:</b>              | <b>Rotem</b>                              |

|                            |                          |
|----------------------------|--------------------------|
| <b>Sample information:</b> |                          |
| Product:                   | 1.5mm Anti-Bacterial EVA |
| Model:                     | /                        |
| Specification:             | /                        |
| Received Sample Quantity:  | 1 piece                  |
| Sample ID:                 | S161010006SHF.001        |
| Date Received:             | 2016/10/10               |
| Date Test Conducted:       | 2016/10/10~2016/11/07    |

**Conclusion:**

For details refer to attached page(s).

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.



## Test Report

Report Number: 161010006SHF-BP-1

Report Date: 2016-11-07

### Test Items, Method and Results:

Test item: Anti-Bacterial test

Test method: ASTM E2180-07(2012) Standard Test Method for Determining the Activity of Incorporated Antimicrobial Agent(s) In Polymeric or Hydrophobic Materials

Test organism: Escherichia coli ATCC 8739; Staphylococcus aureus ATCC 6538

Test result:

| Test organism                      | A    | a                  | B  | b   | Percent Reduction (%) |
|------------------------------------|------|--------------------|----|-----|-----------------------|
| Escherichia coli<br>ATCC 8739      | 6.04 | $1.10 \times 10^6$ | <1 | <10 | >99.99                |
| Staphylococcus aureus<br>ATCC 6538 | 6.11 | $1.29 \times 10^6$ | <1 | <10 | >99.99                |

Note:

1. A = The geometric mean of the number of organisms recovered from the triplicate incubation period 24h control samples

B = The geometric mean of the number of organisms recovered from the triplicate incubation period 24h treated samples

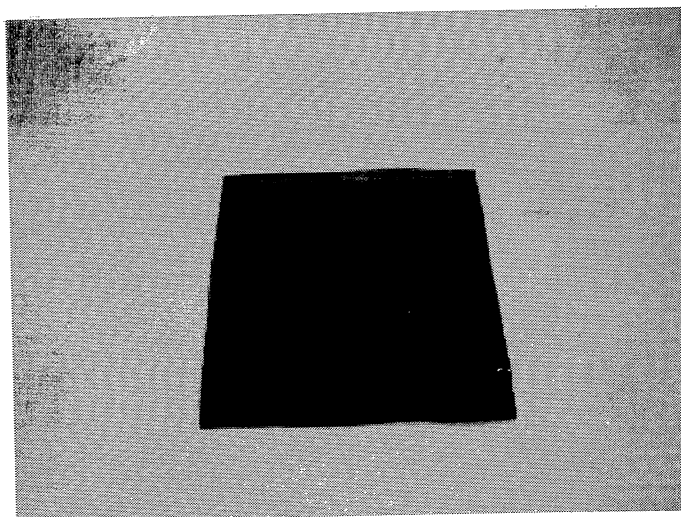
a = the antilog of A

b = the antilog of B

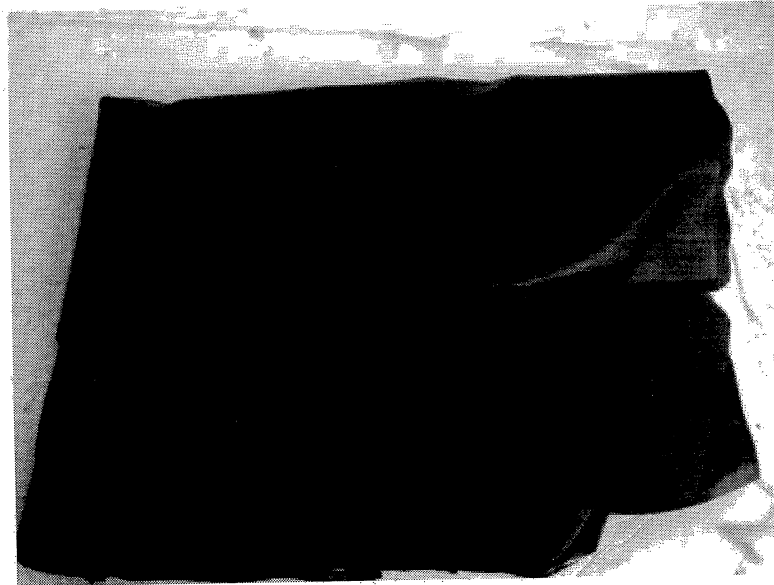
2. Percent reduction, % =  $(a-b) \times 100/a$

3. This test was conducted at the external approved/qualified facility, located at [Guangzhou].

### Test Surface:



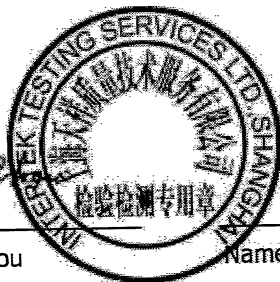
**Appendix A: Sample received photo**



**Approved by:**

*Jodie Zhou*

Name: Jodie Zhou  
Title: Approver



*Sally Xie*

Name: Sally Xie  
Title: Reviewer

*Eryn Cui*

Name: Eryn Cui  
Title: Project Engineer

\*\*\*\*\*

The End of Report