

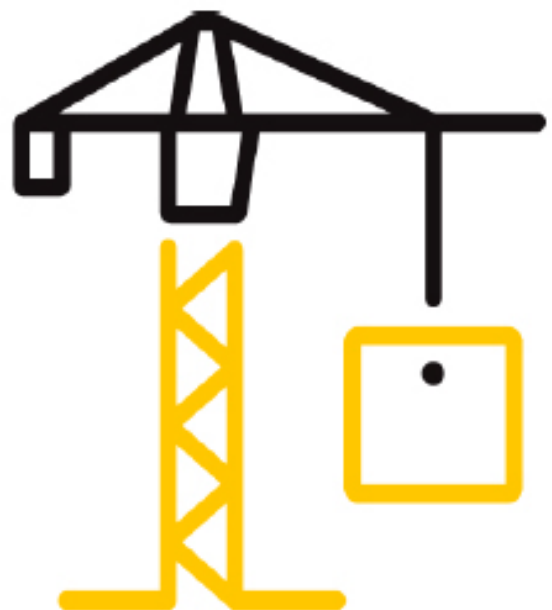
# TEST REPORT

**REPORT NUMBER**  
190430006SHF-001

**ISSUE DATE**  
2019/5/10

**PAGES**  
4

**DOCUMENT CONTROL NUMBER**  
LFT-APAC-SHF-OP-10k  
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## Test Report

Issue Date: 2019/5/10

Intertek Report No. 190430006SHF-001

**SUBJECT:** Performance testing  
PVC FLOOR TILE

Dear Sir,

This test report 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                     |
|-------------------|----------|-----------------------------------|
| S190430006SHF.001 | WM339-30 | 180*1220*4mm/<br>0.5mm Wear Layer |

SAMPLE RECEIVED: 2019/4/26

TESTED FROM: 2019/4/30 TO 2019/5/10

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### Test Items, Method and Results:

Test Item: Abrasion/Wear resistance

Test Method: EN 13329:2016+A1:2017, Annex E

Conditioning: Condition the test specimens at  $(23\pm 2)^{\circ}\text{C}$  and  $(50\pm 5)\%$  relative humidity for at least 24h

Test Condition:

Rotation frequency: 60 r/min

Abrasive material: Taber S-42 abrasive paper strips

Load on each wheel: 500 g

Examine the test specimen for abrasion after each 100 r.

Renew the abrasive papers after every 200 r.

### Test Result:

| Parameter                        | Specimen 1 | Specimen 2 | Specimen 3 |
|----------------------------------|------------|------------|------------|
| Initial wear point (IP) value, r | > 6000     | > 6000     | > 6000     |
| Average IP value, r              | > 6000     |            |            |

### Note:

1. The initial wear point is reached when there are areas of at least  $1,00\text{ mm}^2$  wear-through in five octants and an area of  $1,00\text{ mm}^2$  wear-through becomes visible in a six<sup>th</sup> octant.
2. Abbreviation "r" = revolutions/cycles
3. Reference abrasion classes

**Table E.1 — Abrasion classes**

| Abrasion class                             | AC1        | AC2         | AC3         | AC4         | AC5         | AC6      |
|--|------------|-------------|-------------|-------------|-------------|----------|
| Average IP-value from three test specimens | $\geq 500$ | $\geq 1000$ | $\geq 2000$ | $\geq 4000$ | $\geq 6000$ | $> 8500$ |

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### APPENDIX: SAMPLE RECEIVED PHOTO



Front View(Test surface)



Back View

### REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

*Flora Fan*  
Name: Flora Fan  
Title: Reviewer

*Jackie Zhou*  
Name: Jackie Zhou  
Title: Project Engineer



### Revision:

| NO.              | DATE      | CHANGES     | AUTHOR      | REVIEWER  |
|------------------|-----------|-------------|-------------|-----------|
| 190430006SHF-001 | 2019/5/10 | First issue | Jackie Zhou | Flora Fan |