

Relle Decoration Material Guangzhou Co.,Ltd.

TEST REPORT

SCOPE OF WORK

PVC Homogeneous Flooring

REPORT NUMBER

200226009SHF-001

TEST DATE(S)

2020-02-26 - 2020-03-23

ISSUE DATE

2020-03-23

PAGES

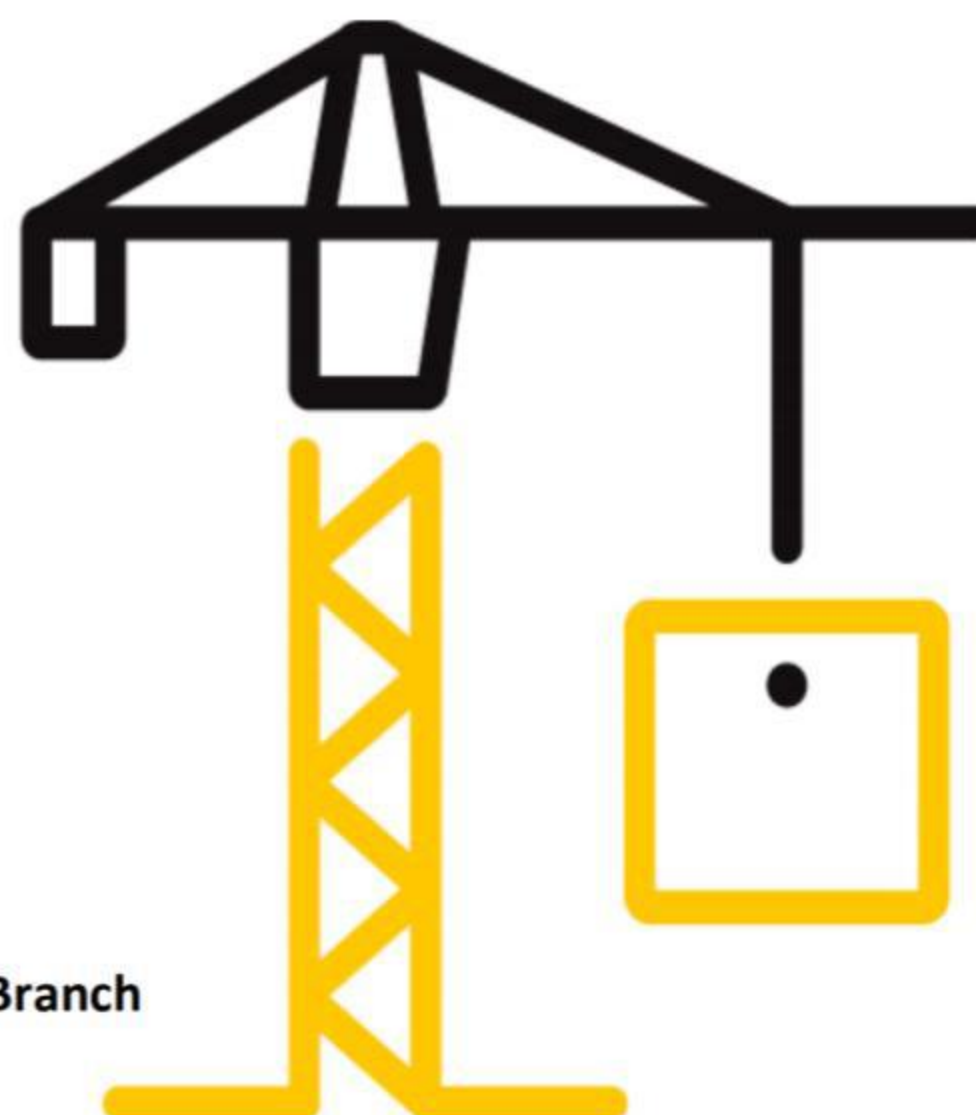
5

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(May 1, 2019)

© 2020 INTERTEK

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

Statement

- 1.This report is invalid without company's special seal for testing on assigned page.
- 2.This report is invalid without authorized person's signature.
- 3.This report is invalid where any unauthorized modification indicated.
- 4.Don't copy this report in partial (except full copy) without any official approval in written by our company. This report is invalid without re-stamping the special seal for testing in copying report.
- 5.Any holder of this document is advised that this report is for the exclusive use of Intertek's Customer and is provided pursuant to the agreement between Intertek and its Customer. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. This report was made with due care within the limitation of a defined scope of work and on the basis of information, materials and instructions received from the Customer or its nominated third parties. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. The tests results are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results.
- 6.Intertek's written consent is required to use Intertek's name or logo on the object, product or service being tested. The observations and test results in this report relate only to the sample under test. This report alone does not indicate that the item, product or service has passed any Intertek certification program.

Test Report

Issue Date: 2020-03-23 Intertek Report No. 200226009SHF-001
Applicant: Wuhan Relle Decoration Material Co.,Ltd
Address: Haichuangyuan building No.331 Minzu Rd,Donghu GaoXin district,Wuhan,China
Attn: Xin Li
Test Type : Performance test, samples provided by the applicant.

Product Information

Product Name	Homogeneous Flooring	Brand	Relle
Sample Description	Good Condition	Sample Amount	1 package
		Received Date	2020-02-26
Sample ID	Model	Specification	
S200226009SHF.001	TJ7032	50mm*50mm	

Test Methods And Standards

Test Standard	ISO 22196:2011
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: Flora Fan Name: Milo Liu
 Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2020-03-23

Intertek Report No. 200226009SHF-001

Test Items, Method and Results:

Test Item: Antibacterial Activity

Test Method: ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

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

Test result:

Test organism	The number of viable bacteria (cell/cm ²) that recovered from the specimen after different contact time			The common logarithm of the number of viable bacteria (cell/cm ²) that recovered from the specimen after different contact time		Antibacterial activity	Antibacterial ratio
	—	0h	24h	0h	24h		
Escherichia coli ATCC 8739	Test Specimen	—	9.4×10 ⁶	—	7.0	0.1	29.55%
	Control Specimen	2.3×10 ⁴	8.8×10 ⁶	4.4	6.9		
Staphylococcus aureus ATCC 6538P	Test Specimen	—	2.6×10 ⁵	—	5.4	0.3	50.94%
	Control Specimen	2.2×10 ⁴	5.3×10 ⁵	4.3	5.7		

Note:

- Concentration of bacteria for Escherichia coli ATCC 8739: 9.2×10⁵ CFU/mL
 Concentration of bacteria for Staphylococcus aureus ATCC 6538P: 8.8×10⁵ CFU/mL
 Volume of test inoculum: 0.4mL
- Antibacterial ratio = [(The number of viable bacteria of control specimen after 24h - The number of viable bacteria of test specimen after 24h)×100/The number of viable bacteria of control specimen after 24h].

This equation is for reference only.

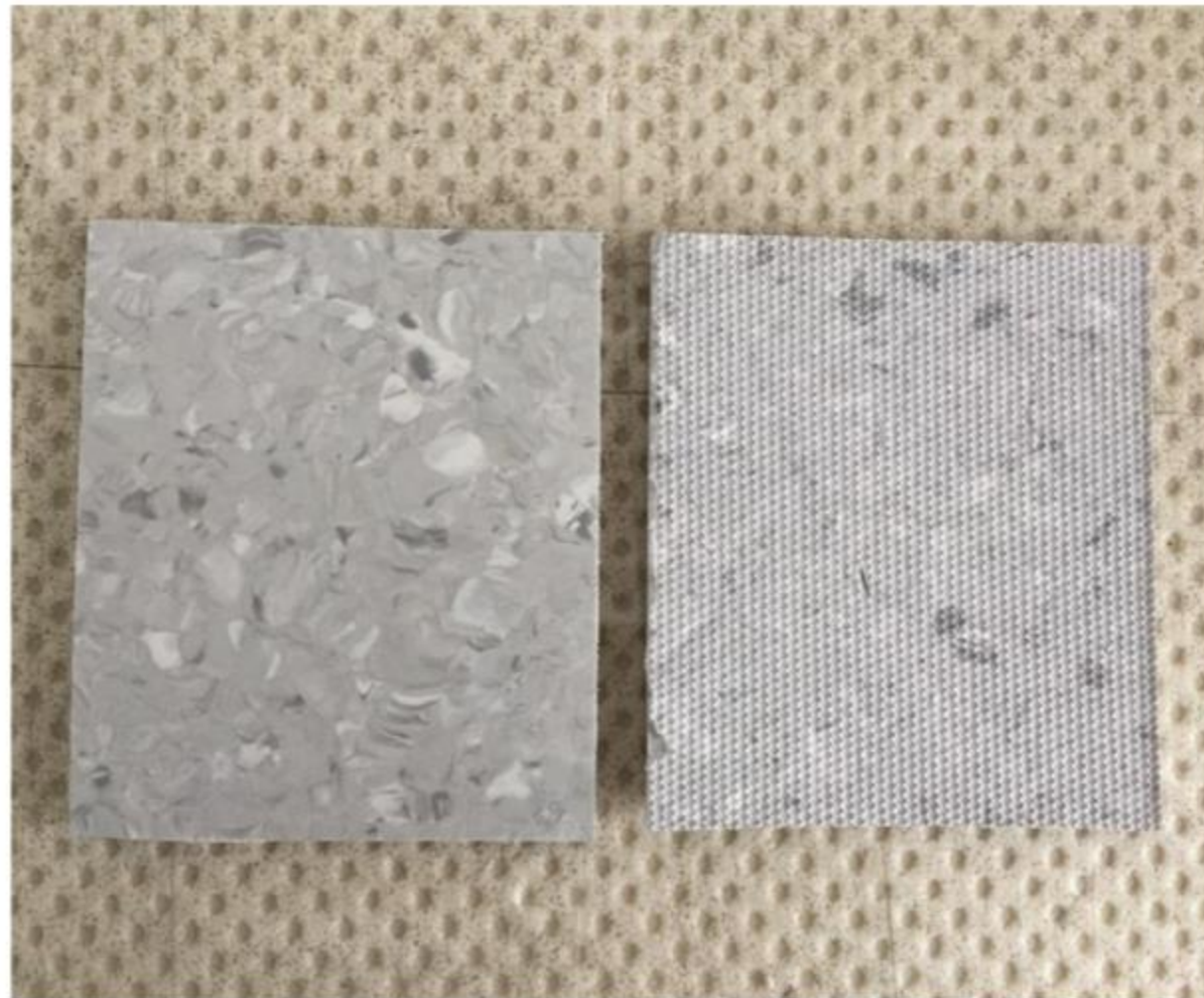
- Test item was subcontracted on accreditation by CNAS L0823.

Test Report

Issue Date: 2020-03-23

Intertek Report No. 200226009SHF-001

Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes	Author	Reviewer
200226009SHF-001	2020-03-23	First issue	Milo Liu	Flora Fan