

VERSARE

TEST REPORT

REPORT NUMBER

190404014SHF-001

ISSUE DATE

2019/4/23

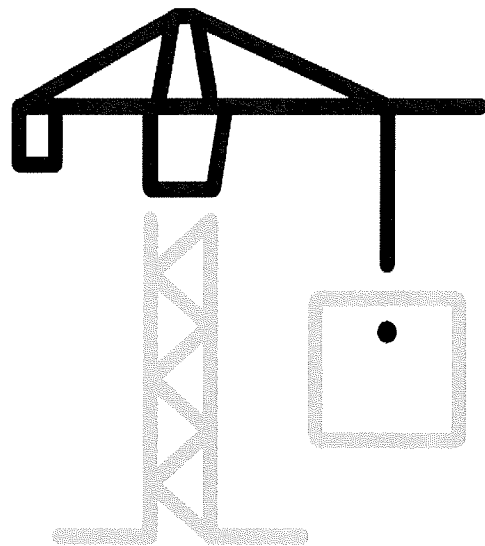
PAGES

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DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k

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Test Report

Issue Date: 2019/4/23

Intertek Report No. 190404014SHF-001

Applicant: VERSARE

Applicant Address: 3236 California St NE, Minneapolis MN 55418, United States

Attn: [REDACTED]

Manufacturer: [REDACTED]

Manufacturer

Address: [REDACTED]

Attn: [REDACTED]

SUBJECT: Performance testing
Polyester fiber acoustic panel

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
S190404014SHF.001	/	25.4mm

SAMPLE RECEIVED: 2019/4/1

TESTED FROM: 2019/4/4 TO 2019/4/23

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Test Report

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Test Items, Method and Results:

Test Method: ASTM E84-16 Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 23.87-ft. long test specimen consisted of three 7.96-ft. long × 23.62-in. wide × 0.98-in. thick "Polyester fiber acoustic panel".

The specimen was same on both sides.

The specimen was supported with 0.25-in. diameter metal rods that were spaced approximately every two feet

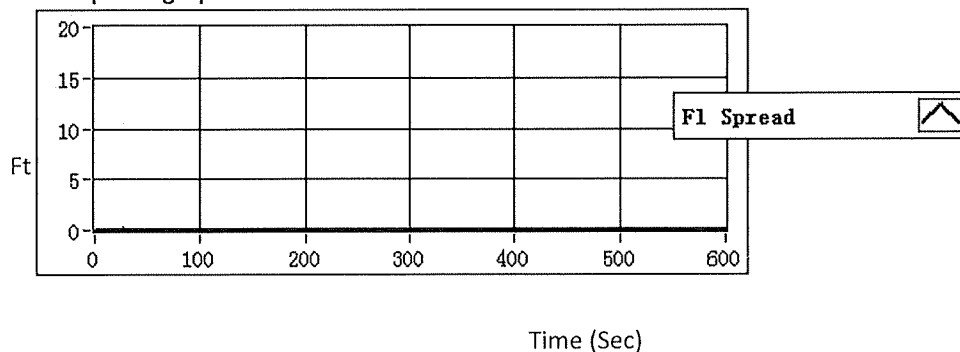
Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
0:05	/	/	/	1:20
Delamination	Sagging	Shrinkage	Falling	Floor Flame
/	/	/	/	6:40

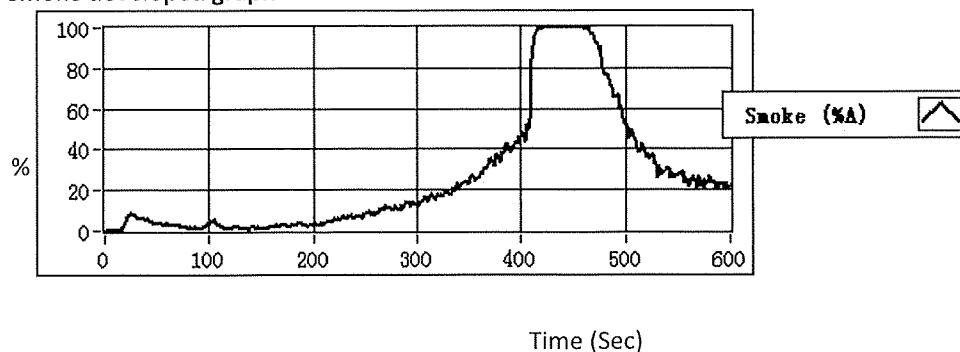
Test Result

Flame Spread Index (FSI)	0	Smoke Developed Index(SDI)	450
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Flame spread graph



Smoke developed graph

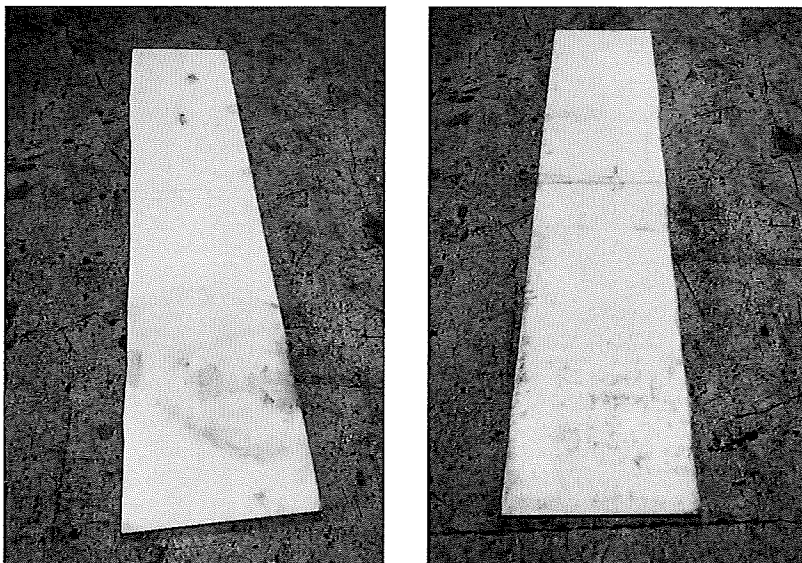


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APPENDIX: SAMPLE RECEIVED PHOTO



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.



Harrison Li *Young Zheng*

Name: Harrison Li Title: Young Zheng

Title: Reviewer Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
190404014SHF-001	2019/4/23	First issue	Young Zheng	Harrison Li

Test Verification of Conformity

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	VERSARE 3236 California St NE, Minneapolis MN 55418, United States
Product Description:	Polyester fiber acoustic panel
Ratings & Principle	Class A
Characteristics:	Flame spread index, FSI = 0, Smoke developed index, SDI = 450
Models/Type References:	/
Specification<s>/Standard<s>:	ASTM E84-16
Verification Issuing Office	Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Name & Address:	Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Test Report Number<s>:	190404014SHF-001

As Specified in 803.1.2 of International Building Code (IBC) 2018:

CHAPTER 8 INTERIOR FINISHES

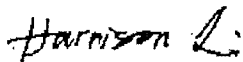
SECTION 803 WALL AND CEILING FINISHES

803.1.2 Interior wall and ceiling finish materials tested in accordance with ASTM E84 or UL 723. Interior wall and ceiling finish materials shall be classified in accordance with ASTM E84 or UL 723. Such interior finish materials shall be grouped in the following classes in accordance with their flame spread and smoke-developed indices.

Class A = Flame spread index 0-25; smoke developed index 0-450.

Class B = Flame spread index 26-75; smoke developed index 0-450.

Class C = Flame spread index 76-200; smoke developed index 0-450.



Signature

Name: Harrison Li

Position: Technical Supervisor

Date: April 23, 2019

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