

Test Verification of Conformity

Verification Number: 240725011SHF-LOC-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to 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:	Lions Floor 7300 somerset blvd, paramount, CA 90723
Product Description:	SPC floors 1830*180*4.5+1.5mm EVA
Ratings & Principle Characteristics:	Class I Critical Radiant Flux, > 1.10 W/cm ²
Models/Type References:	Lone Star Spirit
Brand Names:	/
Specification<s>/Standards:	ASTM E648-19a ^{ε1}
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Date of Tests:	2024-07-25 - 2024-08-15
Test Report Number(s):	240725011SHF-010

As Specified in **NFPA 101 Life Safety Code 2024**:

Chapter 10 Interior Finish, Contents, and Furnishings

Section 10.2.7 Interior Floor Finish Testing and Classification

10.2.7.3 Interior floor finishes shall be classified in accordance with 10.2.7.4, based on test results from ASTM E648, *Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source*.

10.2.7.4 Interior floor finishes shall be grouped in the classes specified in 10.2.7.4.1 and 10.2.7.4.2 in accordance with the critical radiant flux requirements.

10.2.7.4.1 **Class I Interior Floor Finish**. Class I interior floor finish shall have a critical radiant flux of not less than 0.45 W/cm², as determined by the test described in 10.2.7.3.

10.2.7.4.2 **Class II Interior Floor Finish**. Class II interior floor finish shall have a critical radiant flux of not less than 0.22 W/cm², but less than 0.45 W/cm², as determined by the test described in 10.2.7.3.



Signature

Name: Harrison Li

Position: Technical Manager

Date: 23rd Aug, 2024

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