Anhui Sentai WPC Tec Flooring Co., Ltd

TEST REPORT

REPORT NUMBER
170922003SHF-BP-1-R2

ISSUE DATE
2017/10/12

REVISED DATE
2018/7/11

PAGES
6

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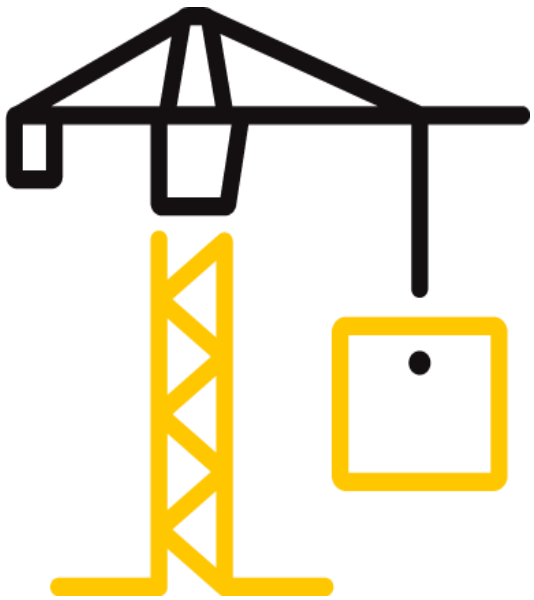

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Issue Date: 2018/7/11 Intertek Report No. 170922003SHF-BP-1-R2

Applicant: Anhui Sentai WPC Tec Flooring Co., Ltd

Applicant Address: Jianshe Road, Economic and Technoloy Development Area of Guangde County, 242237, Anhui Province, China

Attn: Susan

SUBJECT: Performance testing
Name 1: Lifestyle Granit 30
Name 2: Rigid vinyl plank (apply for floor and wall)

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
S170922003SHF.001	RB	1220*181mm

SAMPLE RECEIEVED: 2017/9/18
TESTED FROM: 2017/9/22 TO 2017/10/12

intertek
Total Quality. Assured.

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Test Items, Method and Results：

Test method: EN 13501-1:2007+A1:2009 Fire classification of costruction products and building elements - Part 1: Classification using data from reaction to fire tests

1.1 CRITICAL HEAT FLUX TEST

The test was conducted in accordance with EN ISO 9239-1. This test evaluates the wind-opposed burning behaviour and spread of flame of horizontally mounted floorings exposed to a heat flux radiant gradient in a test chamber, when ignited with pilot flames.

1.2 IGNITABILITY TEST

The test was conducted in accordance with EN ISO 11925-2. This test evaluates the ignitability of a product under exposure to a small flame.

1.3 CLASSIFICATION CRITERIA

The classification was determined in accordance with EN 13501-1:2007+A1:2009. The classes B_{fl} with their corresponding fire performance are given in the table below.

Table - Classes of reaction to fire performance for flooring.

Class	Test Method(s)	Classification criteria	Additional classifications
B_{fl}	EN ISO 9239-1 [a] and	Critical flux [b] $\geqslant$ 8.0 kW/m^2	Smoke production [c]
	EN ISO 11925-2 [d] Exposure=15 s	$F_S \leqslant$ 150 mm within 20 s	-

Note:

a. Test duration = 30 min.

b. Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame).

c. s1 = Smoke $\leqslant$ 750 % minutes; s2 = not s1.

d. Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack.

Test Report

Issue Date: 2018/7/11 Intertek Report No. 170922003SHF-BP-1-R2

Test Items, Method and Results：

2 RESULTS AND OBSERATIONS

Method	Parameter	Result
EN ISO 9239-1:2010	Critical flux (transverse), kW/m^2	≥11
	Critical flux (longitudinal), kW/m^2	≥11
	Smoke production, % minutes	54
EN ISO 11925-2:2010 Exposure=15 s	Fs, mm	33

Note

1. This test was conducted at the external approved facility, located at Guangzhou.

3 CLASSIFICATION

The classification has been carried out in accordance with EN 13501-1.

Fire behaviour		Smoke production	
B_{fl}	-	s	*1*

Reaction to fire classification B_{fl}-*s1*

Test Report

Issue Date: 2018/7/11 Intertek Report No. 170922003SHF-BP-1-R2

4 Test Photos

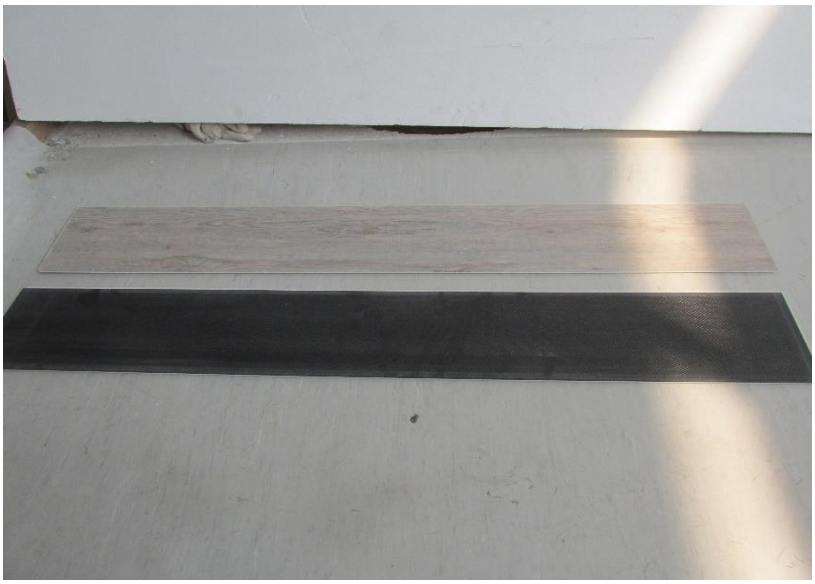
Before test

After test

Test Report

Issue Date: 2018/7/11 Intertek Report No. 170922003SHF-BP-1-R2

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.

Name: Sally Xie
Title: Reviewer

Name: Tod Qian
Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
170922003SHF-BP-1	2017/10/12	First issue	Tod Qian	Sally Xie
170922003SHF-BP-1-R1	2018/4/19	Added name 1 on Page 2 as per client's requirement	Tod Qian	Sally Xie
170922003SHF-BP-1-R2	2018/7/11	Revise name 1 on Page 2 as per client's requirement	Tod Qian	Sally Xie