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检测  
TESTING  
CNAS L4743

**Test Report**

No. AJFS2011010145FF

Date: DEC.16, 2020

Page 1 of 5

**ANHUI YANGZI FLOORING INCORPORATED COMPANY**

NO. 98 WEST GARDEN ROAD, CHUZHOU 239000, ANHUI, CHINA

**THIS TEST REPORT IS A TRANSLATION OF REPORT NO. AJFS2011010145FF\_CN. IF ANY DISPUTE OR MISUNDERSTANDING HAPPENS, THE CHINESE VERSION PREVAILS.**

The following sample(s) information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

**Sample Description:** EXTREME PERFORMANCE TILE (XPT)

**SGS Ref No.:** SHHL2011554942FB

**Style No.:** JAZZ WHITE

**Manufacturer:** ANHUI YANGZI FLOORING INCORPORATED COMPANY

**Test Requested:**

GB 8624-2012 Classification for burning behavior of building materials and products, flooring material, Class A2

**Test Results:** -- See attached sheet --

**Test Period:**

Sample Receiving Date : NOV.20, 2020

Test Performing Date : NOV.20, 2020 TO DEC.05, 2020

Signed for and on behalf of  
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou  
Lab Manager

scan to see the report



AJFS2011010145FF



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**I. Test conducted**

This test is conducted as per GB 8624-2012 Classification for burning behavior of building materials and products, And the test methods as following:

1. GB/T 11785-2005 Reaction to fire tests for floorings — Determination of the burning behaviour using a radiant heat source.
2. GB/T 14402-2007 Reaction to fire tests for building materials and products —Determination of the heat of combustion;

**II. Details of classified product**

Sample description / Color	Panel / One side: White; One side: Grey
Composition*	Film (0.24kg/m <sup>2</sup> , 0.2mm) + Glass magnesium plate (8.7kg/m <sup>2</sup> , 9mm) + Film (0.22kg/m <sup>2</sup> , 0.2mm)
Sample size	GB/T 11755: 1050mm×230mm GB/T 5464: Ø 45mm×50mm
Thickness*	8.5mm
Density	1160 kg/m <sup>3</sup>
Exposed surface	White surface

\* Provided by client.

**Mounting and fixing (GB/T 11785):**

Fibre cement board, with its density approximate 1800kg/m<sup>3</sup>, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. No joint in the specimens.

**III. Test results**

Test method	Parameter	Number of tests	Results
GB/T 14402	PCS <sup>a</sup> / MJ/kg	3	2.03
	PCS <sup>b</sup> / MJ/m <sup>2</sup>		3.30
	PCS <sup>c</sup> / MJ/m <sup>2</sup>		3.37
	PCS <sup>d</sup> / MJ/kg		2.66
GB/T 11785	CHF (kW/m <sup>2</sup> )	3	>11
	Smoke (%xminutes)		114.9

**Note:**

PCS: gross calorific potential

CHF: Critical flux.

To be continued....



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#### IV. Classification and direct field of application

This classification has been carried out in accordance with GB 8624-2012 Clause 5.1.1, The classes with their corresponding fire performance are given in annex A.

a) Classification

The product, Panel, classification is as following:

A2

**Reaction to fire classification: GB 8624 A (A2-s1)**

b) Field of application

This classification for the submitted sample is valid for the following end use condition:

- With all substrates classified A1 or A2
- With mechanically fixing
- No joint

Characteristics of the various layers identical to those as described in section II of this test report.

#### Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

#### WARNING:

This classification report does not represent type approval or certification of the product.

The test laboratory has, therefore, play no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

To be continued....



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Annex A

Classes and Classification criteria of reaction to fire performance for flooring materials

Class		Test method(s)	Classification criteria	
A	A1	GB/T 5464 <sup>a</sup> and	$\Delta T \leq 30^{\circ}\text{C}$ , and $\Delta m \leq 50\%$ , and $t_f = 0$ (i.e. no sustained flaming)	
		GB/T 14402	$PCS \leq 2.0\text{MJ/kg}$ <sup>a</sup> and $PCS \leq 2.0\text{MJ/kg}$ <sup>b</sup> and $PCS \leq 1.4\text{MJ/m}^2$ <sup>c</sup> and $PCS \leq 2.0\text{MJ/kg}$ <sup>d</sup>	
	A2	GB/T 5464 <sup>a</sup> or	and	$\Delta T \leq 50^{\circ}\text{C}$ , and $\Delta m \leq 50\%$ , and $t_f \leq 20\text{ s}$
		GB/T 14402		$PCS \leq 3.0\text{MJ/kg}$ <sup>a</sup> and $PCS \leq 4.0\text{MJ/m}^2$ <sup>b</sup> and $PCS \leq 4.0\text{MJ/m}^2$ <sup>c</sup> and $PCS \leq 3.0\text{MJ/kg}$ <sup>d</sup>
		GB/T 11785 <sup>e</sup>	Critical flux $CHF$ ( $\text{kW/m}^2$ ) $\geq 8.0\text{kW/m}^2$	
	B <sub>1</sub>	B	GB/T 11785 <sup>e</sup> and	Critical flux $CHF \geq 8.0\text{kW/m}^2$
GB/T 8626 and Exposure =15s			$F_s \leq 150\text{mm}$ within 20 s	
C		GB/T 11785 <sup>e</sup> and	Critical flux $CHF \geq 4.5\text{kW/m}^2$	
		GB/T 8626 and Exposure =15s	$F_s \leq 150\text{mm}$ within 20 s	
B <sub>2</sub>	D	GB/T 11785 <sup>e</sup> and	Critical flux $CHF \geq 3.0\text{kW/m}^2$	
		GB/T 8626 and Exposure =15s	$F_s \leq 150\text{mm}$ within 20 s	
	E	GB/T 11785 <sup>e</sup> and	Critical flux $CHF \geq 2.2\text{kW/m}^2$	
		GB/T 8626 and Exposure =15s	$F_s \leq 150\text{mm}$ within 20 s	
B <sub>3</sub>	F	No performance determined		

- a: For homogeneous products and substantial components of non-homogeneous products.
- b: For any external non-substantial component of non-homogeneous products.
- c: For any internal non-substantial component of non-homogeneous products.
- d: For the product as a whole.
- e: Test duration = 30 min.

To be continued....



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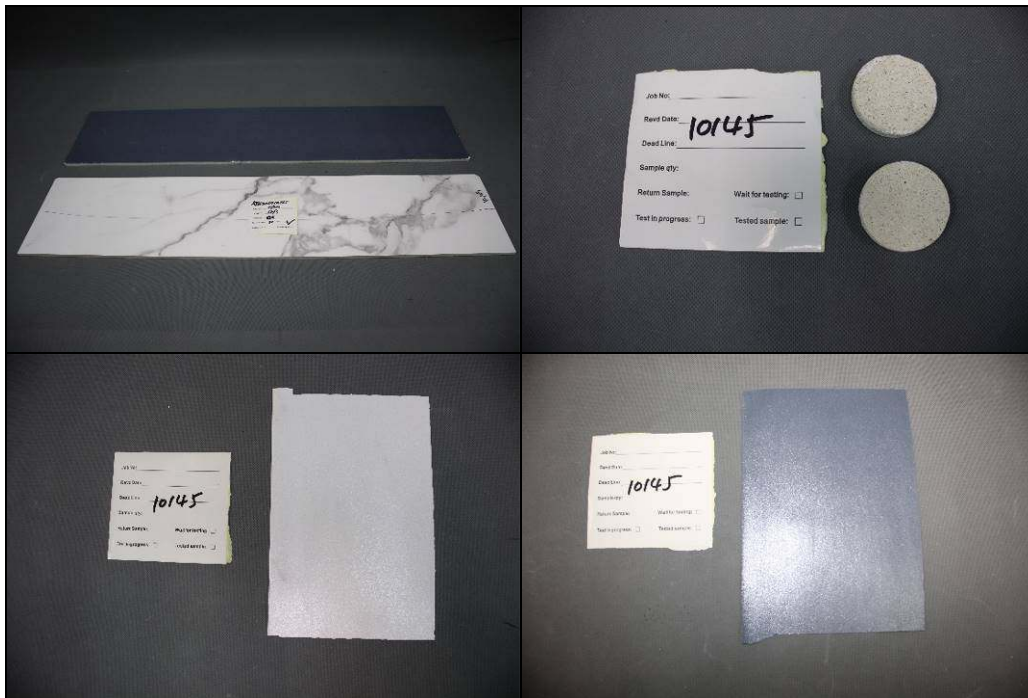
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**Characteristics of smoke production classification and criteria**

Characteristics of smoke production classification	Test method	Classification criteria
s1	GB/T11785	Smoke production ≤ 750 % × min
s2		Not s1

**Photo Appendix:**



SGS authenticate the photo on original report only

\*\*\*End of Report\*\*\*



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