

# Test Report

NO.: BITFR202512158

Date: Jan. 5, 2026

Page 1 of 4

**Applicant** : XIAMEN WANSHI IMP AND EXP CO., LTD  
R1011 Floor 10, Tower B Enjoy Center, Siming District, Xiamen, China

The following sample(s) was / were submitted and identified by client, BITFR, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client, results apply to the sample as received.

**Name of Sample(s)** : Terrazzo

**Description of Sample(s)** : Producer: XIAMEN WANSHI IMP AND EXP CO., LTD

**Date Sample(s) Received** : Dec. 29, 2025

**Date Tested** : Dec. 29, 2025 TO Jan. 4, 2026

**Test Requested** : EN ISO 1716:2010 Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value).  
EN ISO 1182:2020 Reaction to fire tests for products - Non-combustibility test.

**Test Results** : According to the test results, the submitted sample **meets** the requirement of EN 13501-1:2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests, Classes of reaction to fire performance for floorings, Class A1<sub>fl</sub>.

Prepared by: Cynthia Luo

Checked by: Kevin Chen

Approved by: Eric Hao  
Inspection & Testing Service  
BITFR (Henan) Company Limited





# Test Report

NO.: BITFR202512158

Date: Jan. 5, 2026

Page 2 of 4

## I. Test Conducted

This test was conducted in accordance with EN 13501-1:2018 Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests. And the test methods as following:

1. EN ISO 1716:2010 Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value).
2. EN ISO 1182:2020 Reaction to fire tests for products - Non-combustibility test.

## II. Sample Details

The details of the product given above have been prepared from information provided by the sponsor of the test.

Description	Terrazzo
-------------	----------

## III. Test Results

Test method	Parameter	Results
EN ISO 1182 <sup>a</sup>	Temperature rise, $\Delta T(^{\circ}C)$	0.6
	Mass loss, $\Delta m(\%)$	5.7
	Duration of sustained flaming, $t_f(s)$	0
EN ISO 1716	Gross calorific potential, PCS(MJ/kg) <sup>d</sup>	-0.1

## IV. Classification and direct field of application

This classification has been carried out in accordance with EN 13501-1:2018, see Annex A., Classes of reaction to fire performance for floorings

Classification

Reaction to fire classification: A1<sub>fl</sub>

## V. Statement

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.

## VI. Warning

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

The test laboratory was not involved in any sampling plans and procedures.

To be continued...

BITFR (Henan) Company Limited

No.5, Weidu High-tech Industrial Park, Hongteng Road, Weidu District, Xuchang City, Henan Province (Zip code: 461000)

Tel: 0374-8323888 Fax: 0374-5378555 Email: hnbizr@bitfr.ha.cn Homepage: www.hnbizr.cn

This report shall not be reproduced unless with prior written approval from BITFR (Henan) Company Limited.

For conditions of Issuance of this test report, Please refer to the overleaf or homepage.



Annex A

Classes of reaction to fire performance for floorings

Class	Test method	Classification criteria	Additional classification
A1 <sub>fl</sub>	EN ISO 1182 <sup>a</sup> and	$\Delta T \leq 30$ °C, and $\Delta m \leq 50$ %, and $t_r = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716	PCS $\leq 2.0$ MJ/kg <sup>a</sup> and PCS $\leq 2.0$ MJ/kg <sup>b</sup> and PCS $\leq 1.4$ MJ/m <sup>2</sup> <sup>c</sup> and PCS $\leq 2.0$ MJ/kg <sup>d</sup>	-
A2 <sub>fl</sub>	EN ISO 1182 <sup>a</sup> or	$\Delta T \leq 50$ °C, and $\Delta m \leq 50$ %, and $t_r \leq 20$ s	-
	EN ISO 1716 and	PCS $\leq 3.0$ MJ/kg <sup>a</sup> and PCS $\leq 4.0$ MJ/m <sup>2</sup> <sup>b</sup> and PCS $\leq 4.0$ MJ/m <sup>2</sup> <sup>c</sup> and PCS $\leq 3.0$ MJ/kg <sup>d</sup>	-
	EN ISO 9239-1 <sup>e</sup>	Critical flux $f \geq 8.0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
B <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 8.0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
C <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 4.5$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
D <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 3.0$ kW/m <sup>2</sup>	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
E <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> Exposure = 15 s	$F_s \leq 150$ mm within 20 s	-
F <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> Exposure = 15 s	$F_s > 150$ mm within 20 s	-

<sup>a</sup> For homogeneous products and substantial components of non-homogeneous products.  
<sup>b</sup> For any external non-substantial component of non-homogeneous products.  
<sup>c</sup> For any internal non-substantial component of non-homogeneous products.  
<sup>d</sup> For the product as a whole.  
<sup>e</sup> Test duration = 30 min.  
<sup>f</sup> 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).  
<sup>g</sup> s1 = Smoke  $\leq 750$  % minutes; s2 = not s1.  
<sup>h</sup> Under conditions of surface flame attack and, if appropriate to the end-use application of the product, edge flame attack.

To be continued...



### Photo Appendix



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

