



中国认可  
国际互认  
检测  
TESTING  
CNAS L4743

**Test Report**

No. AJFS2007005488FF-01

Date: JUL.22, 2020

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FOSHAN YAJ BUILDING CO., LTD

ROOM 501 NANGUO BUILDING, GUICHENG, NANHAI DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE, CHINA

**THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: AJFS2007005488FF, DATE: JUL.13, 2020.**

The following sample(s) 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. results apply to the sample as received.

**Sample Name:** POLYSTYRENE(EPS) SANDWICH PANELL

**SGS Ref No.:** GZIN2007032723PC

**Manufacturer:** FOSHAN YAJ BUILDING CO., LTD

**Product Specification:** PANEL THICKNESS 50mm, PRE-PAINTED STEEL SHEET THICKNESS 0.4mm, EPS DENSITY IS 20kg/m3

**Test Requested:**

AS/NZS 1530.3:1999. Methods for fire tests on building materials, components and structures. Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release.

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

**Test Period:**

Sample Receiving Date : JUL.06, 2020

Test Performing Date : JUL.06, 2020 TO JUL.10, 2020

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

Allen Zou  
Lab Manager

scan to see the report



AJFS2007005488FF-01



SGS-CSTC Anji Branch Fire Technology Service

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**I. Test conducted**

This test was performed in accordance with" AS/NZS 1530.3:1999 Methods for fire tests on building materials, components and structures. Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release."

**II. Sample details**

Description*	EPS SANDWICH PANEL
Color	White
Thickness	50mm
Density	177 kg/m <sup>3</sup>
Specimen size	600mm × 450mm × 50mm

	Temperature (°C)	Humidity (%)	Duration (d)
Conditioning	20±2°C	65±5%	7

Note: The specimens shall be conditioned to constant mass (see ISO 291)

**Mounting or fixing method for test sample:**

Using fibre-reinforced cement board as substrate, hold the sample and substrate against the specimen support frame by using the specimen clamping ring. No joint in the specimen.

**III. Test results**

**The mean values and standard errors:**

Items		Mean value	Standard error
Ignition Time, (min)		NI	NA
Flame propagation time, (s)		NA	NA
Heat release integral, (Kj/m <sup>2</sup> )		NA	NA
Maximum optical density, D (m <sup>-1</sup> )	Ignition specimen	---	---
	Non-ignition specimen	0.0216	0.0001
Smoke release, lg D	Ignition specimen	---	---
	Non-ignition specimen	-1.6649	0.0016

**Remark:** NI---Not ignition; NA---Not Applicable

To be continued...



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**Note:**

- 1) Where all specimens do not ignite, means and standard errors for smoke release shall be reported separately for those specimens that ignite and those that do not ignite. The higher of the two values shall be reported as the smoke released for the material or component.
- 2) Where all specimens do not ignite, indices for smoke developed shall be reported separately for those specimens that ignite and those specimens that do not ignite. The higher of the two values shall be reported as the smoke developed index for the product.

**Regulatory Indices:**

Items	Regulatory Indices
Ignitability index (Range 0 to 20)	0
Spread of flame index (Range 0 to 10)	0
Heat evolved index (Range 0 to 10)	0
Smoke developed index (Range 0 to 10)	2

**Statement:**

- 1) The results only apply to the specimen mounted as described in this report.
- 2) The results of this fire test may be used to directly assess fire hazard, but it should be recognized that a single test method will not provide a full assessment of fire hazard under all fire conditions.

**Remark:** The content remark with \* is updated.

To be continued...



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Photo Appendix:



SGS authenticate the photo on original report only

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



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