

Test Report

No. AJFS1907006880FF

Date: JUL.30, 2019

Page 1 of 4

FOSHAN MEXYTECH CO., LTD

BUILDING B, TORCH INNOVATION PARK, JIHUA 2 ROAD, CHANCHENG DISTRICT FOSHAN CITY,
GUANGDONG PROVINCE, CHINA

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: MEXYTECH WPC**SGS Ref No.:** NJIN1907003028ML**Manufacturer:** FOSHAN MEXYTECH CO., LTD**Style/Item No.:** /**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.17, 2019

Test Performing Date : JUL.17, 2019 TO JUL.26, 2019

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

Allen Zou
Lab Manager



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Harbin

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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	WPC
Color	Grey
Thickness	About 21.8mm
Density	About 1414 kg/m ³
Specimen size	600mm × 450mm

	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. Have vertical joints 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 ²)	NA	NA
Maximum optical density, D (m ⁻¹)	Ignition specimen	---
	Non-ignition specimen	0.5197
Smoke release, Ig D	Ignition specimen	---
	Non-ignition specimen	-0.2843

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

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 to10)	0
Heat evolved index (Range 0 to 10)	0
Smoke developed index (Range 0 to 10)	6

Statement:

- 1) The results only apply to the specimen mounted as described in this report.
- 2) 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.
- 3) 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.

To be continued...



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Photo Appendix:



SGS authenticate the photo on original report only

End of Report



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