

JINCHENG MAGNESIUM MATRIX (JIANGSU) INTERNATIONAL TRADE CO., LTD

TEST REPORT

SCOPE OF WORK

MagMatrix MgO Fire Rated Structural Panel

REPORT NUMBER

210310002SHF-004

TEST DATE(S)

2021-08-20 - 2021-08-20

ISSUE DATE

2022-03-01

PAGES

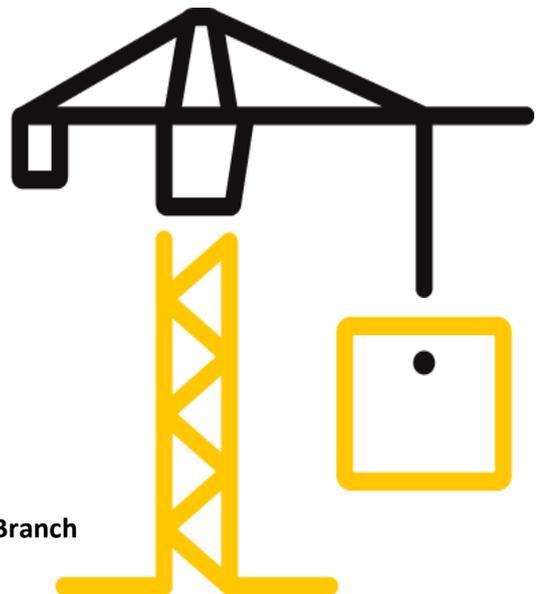
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DOCUMENT CONTROL NUMBER

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2022-03-01 Intertek Report No. 210310002SHF-004
 Applicant: JINCHENG MAGNESIUM MATRIX (JIANGSU) INTERNATIONAL TRADE CO., LTD
 Address: No. 9 Daiwang Road of High Tech Industrial Zone Dongcheng, Taixing City, Jiangsu Province, China.
 Attn: David Zhao
 Manufacturer: JIANGSU JINPENG FIREPROOF PANELS CO., LTD
 Address: No. 9 Daiwang Road of High Tech Industrial Zone Dongcheng, Taixing City, Jiangsu Province, China.
 Test Type: Performance test, samples were selected by Intertek B&C personnel

Product Information

Product Name	MagMatrix MgO Fire Rated Structural Panel	Brand	MagMatrix
Sample Description	Good Condition	Sample Amount	1 package
		Received Date	2021-08-16
Sample ID	Model	Specification	
S210310002SHF.013	Perseverance	12mm	
<p>The specimens were randomly selected by Intertek B&C Stephen Ding at Jiangsu Jinpeng FireProof Panels Co., Ltd, located at No. 9 Daiwang Road of High Tech Industrial Zone Dongcheng, Taixing City, Jiangsu Province, China. The specimens were witnessed during production and tagged prior to shipment on July 21, 2021.</p> <p>The subject test specimen is a traceable sample selected from the manufacturer's facility. Intertek selected the specimen and has verified the composition, manufacturing techniques and quality assurance procedures.</p>			

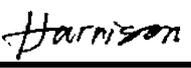
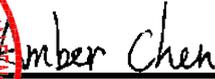
Test Methods And Standards

Test Standard	ASTM E84-18b Standard Test Method for Surface Burning Characteristics of Building Materials
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1. This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

 Name: Harrison Li Name: Amber Chen
 Title: Reviewer Title: Project Engineer



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Test Items, Method and Results:

Test Method: ASTM E84-18b Standard Test Method for Surface Burning Characteristics of Building Materials

Specimen Mounting Method:

The 24.02-ft. long test specimen was consisted of three 8.01-ft. long x 24.02-in. wide x 0.47-in. thick "MagMatrix MgO Fire Rated Structural Panel".

The smooth surface was exposed to the fire.

The specimen was self-supported.

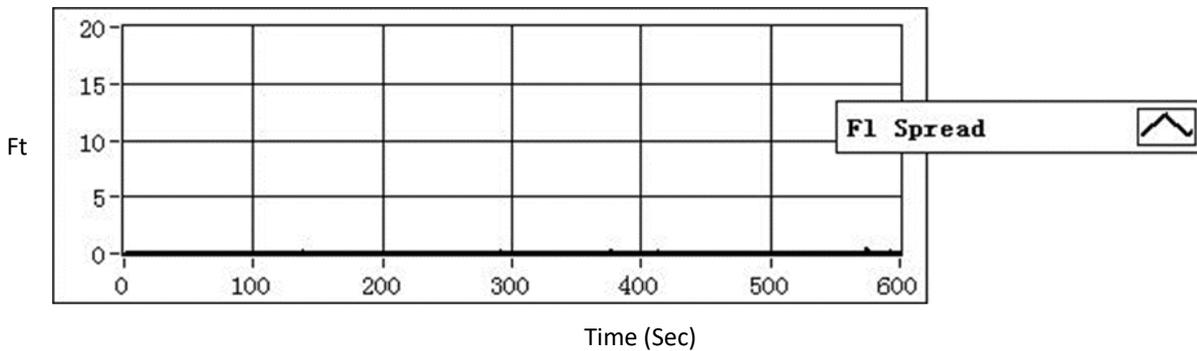
Test Observation (min:sec)

Melting	Blistering	Transient Ignition	Steady Ignition	Flaming drops
/	/	/	/	/
Delamination	Sagging	Shrinkage	falling	Floor Flames
/	/	/	/	/

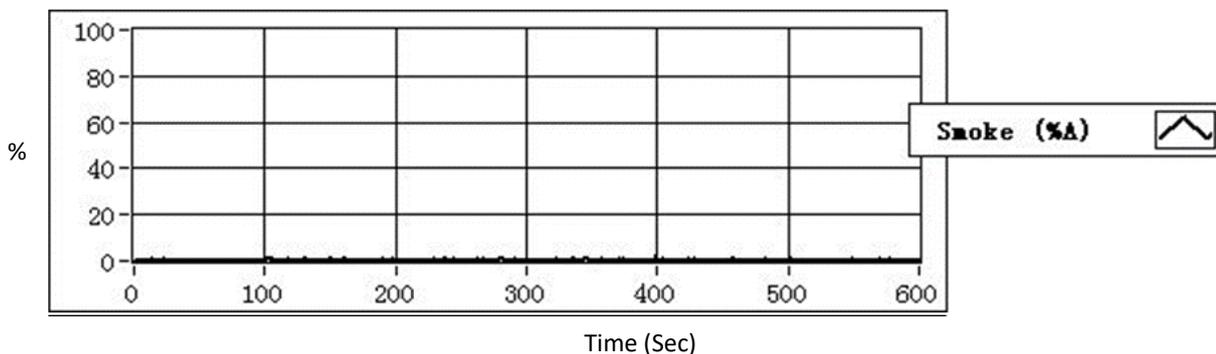
Test Result

Flame Spread Index (FSI)	0	Smoke Developed Index(SDI)	0
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Flame spread graph



Smoke developed graph



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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes	Author	Reviewer
210310002SHF-004	2022-03-01	First issue	Amber Chen	Harrison Li