

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

## TEST REPORT

### SCOPE OF WORK

MgO Board

### REPORT NUMBER

210616002SHF-001

### TEST DATE(S)

2021-06-16 - 2021-06-24

### ISSUE DATE

2021-06-25

### PAGES

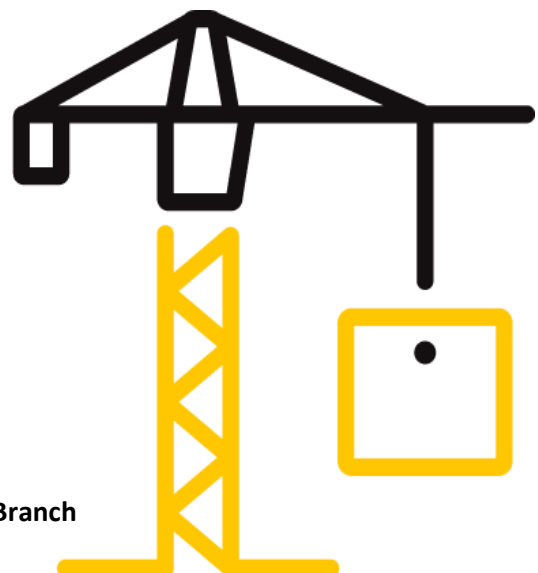
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### DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(May 1, 2021)

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## Test Report

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## Test Report

Issue Date: 2021-06-25 Intertek Report No. 210616002SHF-001  
Applicant: JINCHENG MAGNESIUM MATRIX (JIANGSU) INTERNATIONAL TRADE CO., LTD  
Address: NO.9 DAIWANG ROAD OF HIGH TECH INDUSTRIAL ZONE OF CHENGDDONG, TAIXING CITY, JIANGSU PROVINCE.  
Attn: DAVID ZHAO  
Test Type: Performance test, samples provided by the applicant.

### Product Information

Product Name	MgO Board	Brand	MagMatrix
Sample Description	Good Condition	Sample Amount	2pcs
		Received Date	2021-06-01
Sample ID	Model	Specification	
S210616002SHF.001~004	PERSEVERANCE	12mm	

### Test Methods And Standards

Test Standard	ASTM C1185-08(2016) Section 5, 6, 9; ASTM D1037-12(2020) Section 15
Specification Standard	ICC-ES AC 308 Section 2.1.1, 3.1.1, 3.1.5, 3.1.7
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

*Daniel Zhang*

Name: Daniel Zhang

Title: Approver



*Sally Xie*

Name: Sally Xie

Title: Reviewer

*Amber Chen*

Name: Amber Chen

Title: Project Engineer

## Test Report

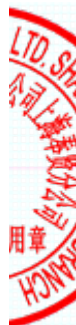
Issue Date: 2021-06-25

Intertek Report No. 210616002SHF-001

### Test Items, Method and Results:

**AC 386 Acceptance Criteria for Fiber-reinforced Magnesium-Oxide-Based Sheets**  
**Approved October 2007 Effective November 1, 2007 (Editorially revised February 2016)**

Clause	Test Item	Test Method	Result	Requirement	Verdict
2.1.1	Material Specifications (Density)	ASTM C1185-08(2016) Section 6	1229kg/m <sup>3</sup>	As Reported	-
3.1.1	Flexural strength (wet and dry)	ASTM C1185-08(2016) Section 5	Dry: 18700kPa Wet: 16000kPa	Average $\geq$ 4000kPa	Pass
3.1.5	Water absorption (48h)	ASTM C1185-08(2016) Section 9	19.30%	As Reported	-
3.1.7	Nail-Head Pull-Through	ASTM D1037-12(2020) Section 15	Average: 2515N Minimum: 2276N	Minimum $\geq$ 560N	Pass

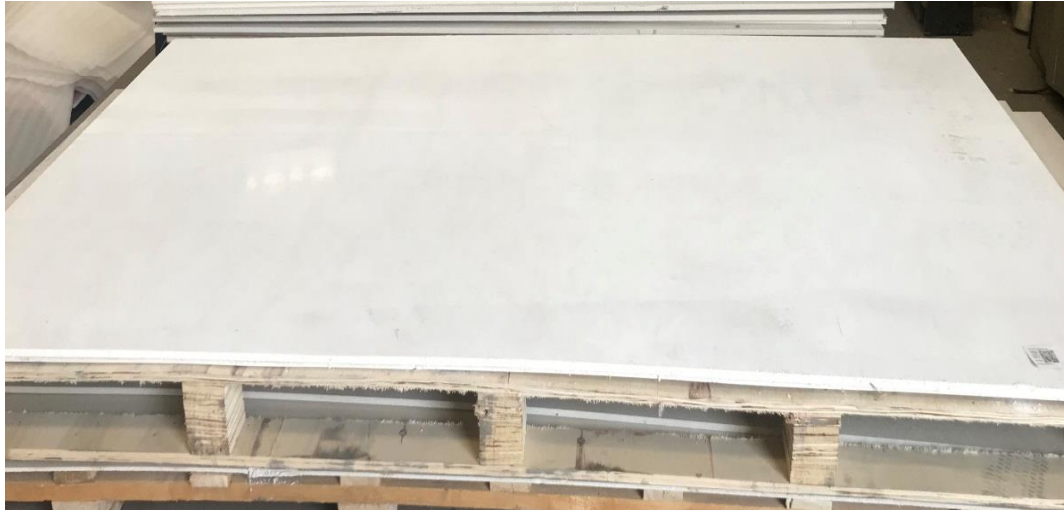


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### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes
210616002SHF-001	2021-06-25	First issue