

# LINYI ZHENGHE MACHINERY TECHNOLOGY CO.,LTD

## TEST REPORT

### SCOPE OF WORK

Magnesium oxide board

### REPORT NUMBER

250218004SHF-001

### TEST DATE(S)

2025-02-18 - 2025-03-03

### ORIGINAL ISSUE DATE

2025-03-03

### PAGES

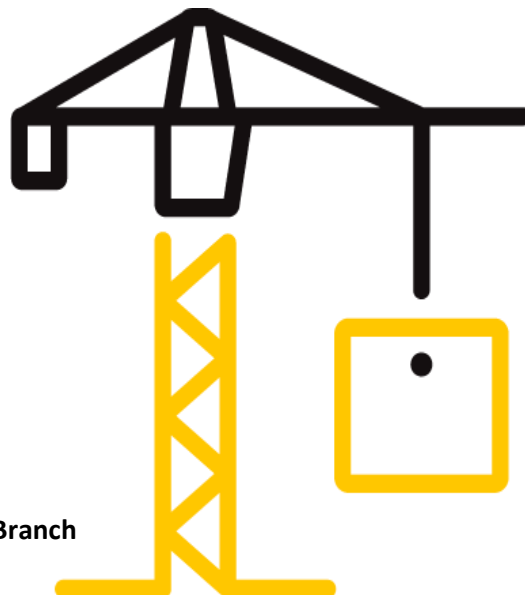
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### DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(January 13, 2025)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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## Test Report

Original Issue Date: 2025-03-03 Intertek Report No. 250218004SHF-001  
Applicant: LINYI ZHENGHE MACHINERY TECHNOLOGY CO.,LTD  
Address: junction of Yi he er road and Mengshan er road,Yi he new district,Linyi City, Shandong province  
Attn: Rosa  
Manufacturer: LINYI ZHENGHE MACHINERY TECHNOLOGY CO.,LTD  
Address: Beiguan Industrial Park, Jiaobei Office, Jiaozhou City, Qingdao City, Shandong Province  
Test Type: Performance test, samples provided by the applicant.

### Product Information

Product Name	Model	Specification
Magnesium oxide board	Pure sulfate Mgo flooring board	18mm x 1220 x 2440
Sample ID	Sample Amount	Sample Received Date
S250218004SHF.001~002	1 package	2025-02-17
Sample Description		
18mm thickness		

### Test Methods And Standards

Test Standard	ASTM C1185-23 Section 5
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 does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

### Report Authorized

  
Daniel Zhang      Jackie Zhou  
Name: Daniel Zhang      Name: Jackie Zhou  
Title: Reviewer      Title: Project Engineer

## Test Report

Original Issue Date: 2025-03-03

Intertek Report No. 250218004SHF-001

### Test Items, Method and Results:

Test Item: Flexural Strength (Modulus of Rupture) and Modulus of Elasticity  
Test Method: ASTM C1185-23 Section 5 (Equilibrium Conditioning)  
Test Span: 254 mm  
Load Rate: 5 mm/min  
Conditioning: Place the test specimens for at least 7 days in a controlled atmosphere of  $(23 \pm 2)^{\circ}\text{C}$  and  $(50 \pm 5)\%$  relative humidity

### Test Result:

	Flexural Strength (MPa)	Modulus of Elasticity (MPa)
Machine Direction	20.3	6362
Cross-machine Direction	30.2	6953
Average value	25.2	6658

### Note:

1. The average value of the specimen pair was the arithmetic mean value obtained from the two directions.

## Test Report

Original Issue Date: 2025-03-03

Intertek Report No. 250218004SHF-001

### Test Items, Method and Results:

Test Item: Flexural Strength (Modulus of Rupture) and Modulus of Elasticity  
Test Method: ASTM C1185-23 section 5 (Wet Conditioning)  
Test Span: 254 mm  
Load Rate: 5 mm/min  
Conditioning: Immerse specimens to be tested in wet condition in water at a temperature of  $(23 \pm 4)^{\circ}\text{C}$  for a period of 48 h minimum

### Test Result:

	Flexural Strength (MPa)	Modulus of Elasticity (MPa)
Machine Direction	18.7	5544
Cross-machine Direction	24.3	5643
Average value	21.5	5594

### Note:

1. The average value of the specimen pair was the arithmetic mean value obtained from the two directions.

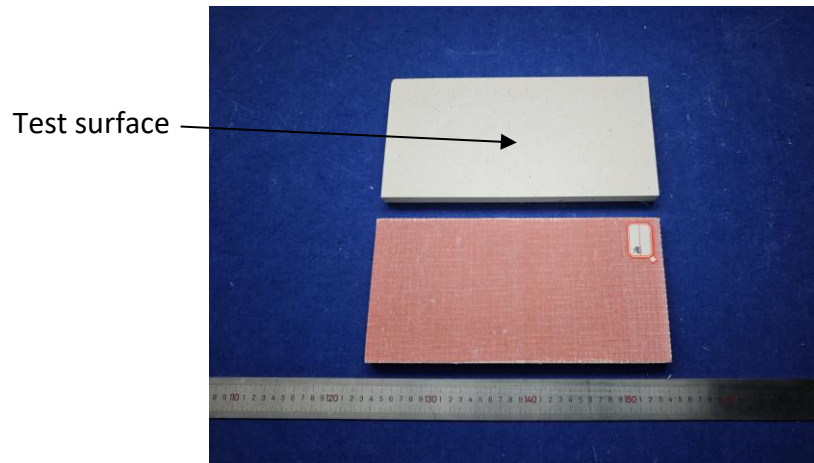


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Original Issue Date: 2025-03-03

Intertek Report No. 250218004SHF-001

### Appendix A: Sample Received Photo



Front view & Back view

SHAN FENGXIAN BR.

#### Revision:

NO.	Date	Changes
250218004SHF-001	2025-03-03	First issue