TEST REPORT

SCOPE OF WORK
MAGNESIUM OXIDE BOARD

REPORT NUMBER
240125004SHF-008-R1

TEST DATE(S)
2024-01-25 - 2024-03-18

ORIGINAL ISSUE DATE	[REVISED DATE]
2024-03-18	2024-04-15

PAGES
5

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10l(February 1, 2024)
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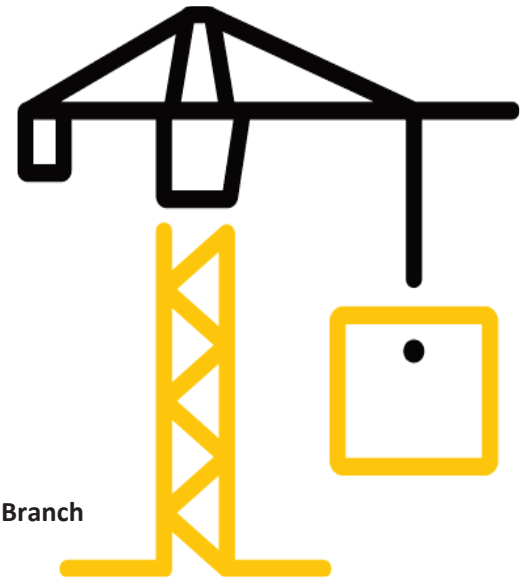

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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8.Intertek B&C will service this report for the entire test record retention period. The test record retention period ends 6 years after this report original issue date. The test record retention period for certification program is 10 years. Test records and other pertinent project documentation will be retained for the entire test record retention period.

9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

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Test Report

Original Issue Date: 2024-03-18 Revised Date: 2024-04-15 Intertek Report No. 240125004SHF-008-R1

Applicant: Ambient Building Products

Address: 8230 Preston Ct Ste C, Jessup, MD 20794

Manufacturer: Ambient Building Products

Address: 8230 Preston Ct Ste C, Jessup, MD 20794

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Model	Specification
MAGNESIUM OXIDE BOARD	/	1220mm*2440mm*12mm
Sample ID	**Sample Amount**	**Sample Received Date**
S240125004SHF.004	1 package	2024-01-23
Sample Description		
1220mm*2440mm*12mm		

Test Methods And Standards

Test Standard	EN 12467:2012+A2:2018 5.4.4
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

Name: Flora Fan Name: Jackie Zhou

Title: Reviewer Title: Project Engineer

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Test Report

Original Issue Date: 2024-03-18 Revised Date: 2024-04-15 Intertek Report No. 240125004SHF-008-R1

Test Items, Method and Results:

<table>
<tr><th colspan="5">EN 12467:2012+A2:2018
Fibre-cement flat sheets - Product specification and test methods</th></tr>
<tr><td>Clause</td><td colspan="3">Requirement - Test</td><td>Result - Remark</td></tr>
<tr><td>5.4</td><td colspan="4">Physical requirement and characteristics</td></tr>
<tr><td rowspan="8">5.4.4</td><td colspan="3">Mechanical characteristics - Bending strength
When tested as specified in 7.3.2, the minimum modulus of rupture of the sheets, expressed in megapascals, shall be as specified in Table 6. The MOR shall be the average of the values obtained from testing the sample in both directions.</td><td rowspan="8">For Category B
Wet condition:
average 10.2 MPa
minimum 9.1 MPa
Class 2</td></tr>
<tr><td colspan="2">min. MOR in the wet condition
Mpa</td><td colspan="2">min. MOR in the ambient laboratory conditions
Mpa</td></tr>
<tr><td>Classes</td><td>Category A & B</td><td>Classes</td><td>Category C & D</td></tr>
<tr><td>1</td><td>4</td><td>1</td><td>4</td></tr>
<tr><td>2</td><td>7</td><td>2</td><td>7</td></tr>
<tr><td>3</td><td>13</td><td>3</td><td>10</td></tr>
<tr><td>4</td><td>18</td><td>4</td><td>16</td></tr>
<tr><td>5</td><td>24</td><td>5</td><td>22</td></tr>
</table>

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Appendix A: Sample Received Photo

Revision:

NO.	Date	Changes
240125004SHF-008	2024-03-18	First issue
240125004SHF-008-R1	2024-04-15	Revised the product name as per applicant's requirement.

Note: Since the issue date of 240125004SHF-008-R1 report, the original report 240125004SHF-008 was cancelled at the same time.