

AQUALIGHT

TEST REPORT

SCOPE OF WORK

Fiber Cement Board

REPORT NUMBER

241012001SHF-003

TEST DATE(S)

2024-08-29 - 2024-09-06

ORIGINAL ISSUE DATE

2024-10-14

PAGES

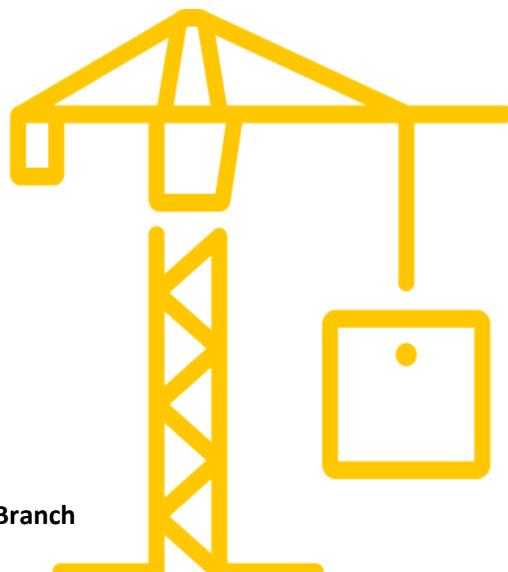
7

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-101(February 1, 2024)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Original Issue Date: 2024-10-14

Intertek Report No. 241012001SHF-003

Applicant: [REDACTED]

Address: [REDACTED]

Attn: [REDACTED]

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

Product Information

Product Name	Model	Specification
Fiber Cement Board	/	2400*1200*12mm
Sample ID	Sample Amount	Sample Received Date
S240829004SHF.001~003	13 pcs	2024-08-27
Sample Description		Brand
2400*1200*12mm, 250*250*12mm		AQUALIGHT

Test Methods And Standards

Test Standard	AS/NZS 2908.2:2000 Section 8.1.1, 8.1.2.1, 8.1.2.2
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

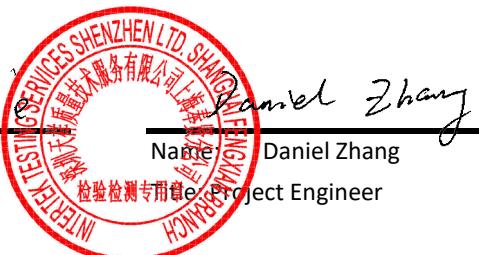
1. This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

2. Test results were cited from Intertek Report No. 240829004SHF-001.

Report Authorized

Sally Xie
Name: Sally Xie
Title: Reviewer

Daniel Zhang
Name: Daniel Zhang
Title: Project Engineer



Test Report

Original Issue Date: 2024-10-14

Intertek Report No. 241012001SHF-003

Test Items, Method and Results:

Test Item: Dimensional and geometrical characteristics

Test Method: AS/NZS 2908.2:2000 Section 8.1.1

Test Result:

Test Item	Test Result
Length, mm	2400.5
Width, mm	1200.5
Thickness, mm	12.06
Straightness, mm/m	Length: 0.18
	Width: 0.15
Squareness, mm/m	Length: 0.17
	Width: 0.13

Test Report

Original Issue Date: 2024-10-14

Intertek Report No. 241012001SHF-003

Test Items, Method and Results:

Test Item: Bending strength in equilibrium condition

Test Method: AS/NZS 2908.2:2000 Section 8.1.2.1

Specimen Size: Square, 250mm × 250mm

Conditioning: Place the test specimens for 7 days in a controlled atmosphere of $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and $(50 \pm 10)\%$ relative humidity

Test Condition:

Test span: 215 mm

Radius of the supports: 15 mm

Test rate: 15 mm/min

Test Result:

Bending Strength: 8.0 MPa

Test Report

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Test Items, Method and Results:

Test Item: Apparent Density

Test Method: AS/NZS 2908.2:2000 Section 8.1.2.2

Test Result:

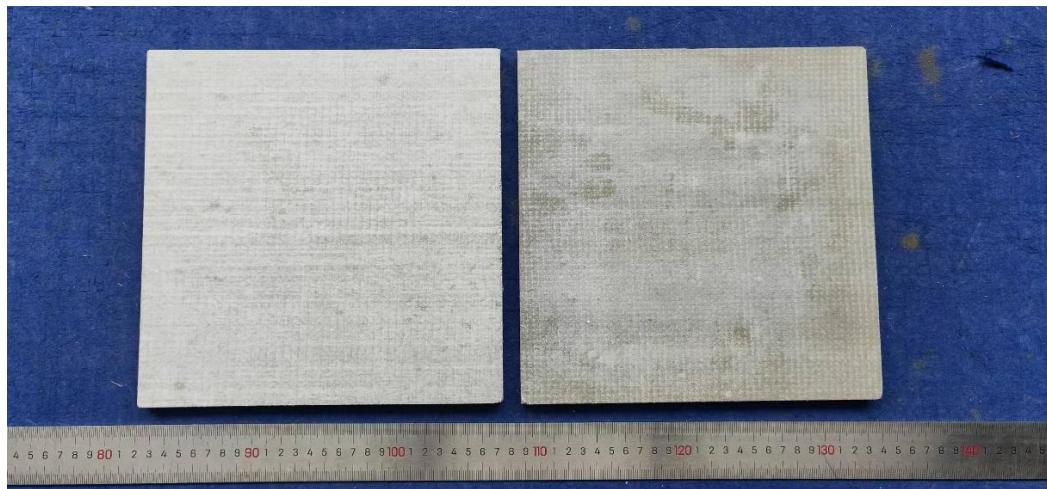
Specimen No.	Density (g/cm ³)
1	0.74
2	0.76
3	0.73
4	0.73
5	0.74
Mean	0.74

Test Report

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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
241012001SHF-003	2024-10-14	First issue