AQUALIGHT

TEST REPORT

SCOPE OF WORK
Fiber Cement Board

REPORT NUMBER
241012001SHF-002

TEST DATE(S)
2024-08-15 - 2024-09-11

ORIGINAL ISSUE DATE
2024-10-14

PAGES
5

DOCUMENT CONTROL NUMBER
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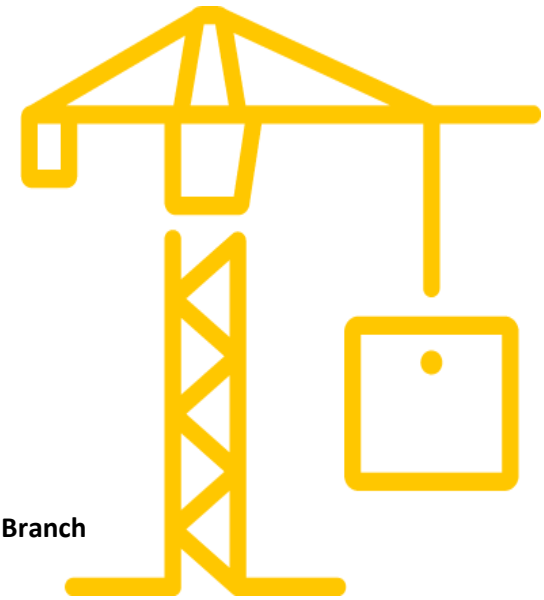

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Test Report

Original Issue Date: 2024-10-14 Intertek Report No. 241012001SHF-002

Applicant: [redacted]

Address: [redacted]

Attn: [redacted]

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

Product Information

Product Name	Model	Specification	Brand
Fiber Cement Board	/	/	AQUALIGHT
Sample ID	**Sample Amount**	**Sample Received Date**	
S240815007SHF.002	1 box	2024-08-28	
Sample Description			
Thickness: 11.8mm			

Test Methods And Standards

Test Standard	AS 1530.1:2024 Methods for fire tests on building materials, components and structures Part 1: Combustibility test for 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 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. 240815007SHF-002.

Report Authorized

Sally Xie

Name: Sally Xie

Title: Reviewer

Stone. Shi

Name: Stone Shi

Title: Project Engineer

Test Report

Original Issue Date: 2024-10-14 Intertek Report No. 241012001SHF-002

Test Items, Method and Results:

Test method: AS 1530.1:2024 Methods for fire tests on building materials, components and structures Part 1: Combustibility test for materials

1.1 COMBUSTIBILITY TEST FOR MATERIALS

This test evaluates the combustibility performance of products in a vertical tube at 750±5°C.

1.2 CRITERIA OF COMBUSTIBILITY

A material shall be deemed to be combustible under any of the following circumstances:

(a) The mean duration of sustained flaming, as determined in accordance with Clause 3.2 of AS 1530.1, is other than zero.

(b) The mean furnace thermocouple temperature rise, as determined in accordance with Clause 3.1 of AS 1530.1, exceeds 50°C.

(c) The mean specimen surface thermocouple temperature rise as determined in accordance with Clause 3.1 of AS 1530.1, exceeds 50°C.

2 RESULTS AND OBSERATIONS

Construction of the test specimen: The specimens were cylinder with a diameter of 45mm and a height of 47mm.

The test results were shown in Table below.

Parameter	Result
Mean furnace thermocouple temperature rise ΔT_f (°C)	3.6
Mean specimen centre thermocouple temperature rise ΔT_c (°C)	354.5
Mean specimen surface thermocouple temperature rise ΔT_s (°C)	2.3
Mean duration of sustained flaming (s)	0
Mean mass loss (%)	39.0

Combustibility: NOT DEEMED COMBUSTIBLE.

Note:

The test results relate only to the behavior of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

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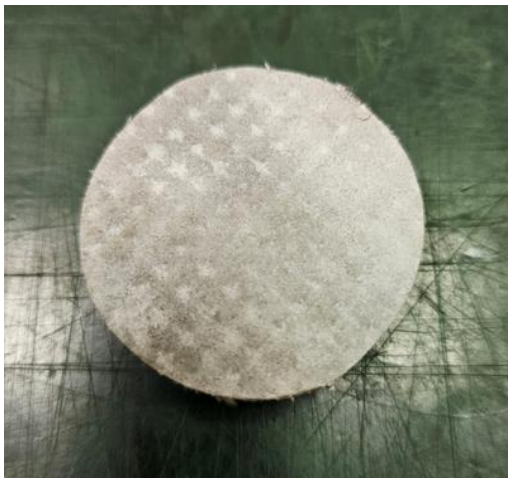
Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
241012001SHF-002	2024-10-14	First issue