

# TEST REPORT

**SCOPE OF WORK**

Fibre Cement Sheet

**REPORT NUMBER**

**TEST DATE(S)**

2022-02-28 - 2022-03-07

**ISSUE DATE**

2022-03-07

**PAGES**

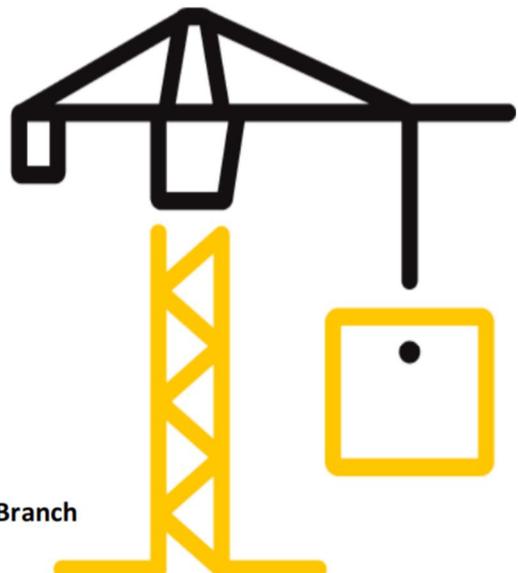
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**DOCUMENT CONTROL NUMBER**

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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## Test Report

Issue Date: 2022-03-07 Intertek Report No.  
Applicant:  
Address:  
Attn:  
Test Type: Performance test, samples provided by the applicant.

### Product Information

Product Name	Fibre Cement Sheet	Brand	/
Sample Description	Good Condition	Sample Amount	1 box
		Received Date	2022-02-28
Sample ID	Model	Specification	
S220228006SHF.001	/	/	

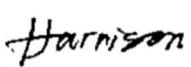
### Test Methods And Standards

Test Standard	AS1530.1-1994(R2016) Method 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 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

  
Name: Harrison Li  
Title: Reviewer

  
  
Name: Lu Cheng  
Title: Project Engineer

# Test Report

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Intertek Report No.

## Test Items, Method and Results:

Test method: AS1530.1-1994(R2016) Method 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  $750\pm 5^{\circ}\text{C}$ .

### 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 1530.1-1994(R2016), is other than zero.
- (b) The mean furnace thermocouple temperature rise, as determined in accordance with Clause 3.1 of AS 1530.1-1994(R2016), exceeds  $50^{\circ}\text{C}$ .
- (c) The mean specimen surface thermocouple temperature rise as determined in accordance with Clause 3.1 of AS 1530.1-1994(R2016), exceeds  $50^{\circ}\text{C}$ .

## 2 RESULTS AND OBSERATIONS

Construction of the test specimen: The specimens were cylinder with a diameter of 44.9mm and a height of 47mm.

The test results were shown in Table below.

Parameter	Result
Mean furnace thermocouple temperature rise $\Delta T_f (^{\circ}\text{C})$	1.98
Mean specimen centre thermocouple temperature rise $\Delta T_c (^{\circ}\text{C})$	31.32
Mean specimen surface thermocouple temperature rise $\Delta T_s (^{\circ}\text{C})$	1.14
Mean duration of sustained flaming (s)	0
Mean mass loss (%)	9.40

**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
	2022-03-07	First issue

