

Agnew International Group

TEST REPORT

SCOPE OF WORK MAGNESIUM OXIDE BOARD

REPORT NUMBER 230918009SHF-001

TEST DATE(S) 2023-09-18 - 2023-09-22

ISSUE DATE 2023-09-25

PAGES 5

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Test Report

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Test Report

Issue Date:	2023-09-25	Intertek Report No.	230918009SHF-001
Applicant:	Agnew International Group		
Address:	111 High Street Queanbeyan East NSW 2620		
Attn:	/		
Test Type:	Performance test, samples provided by the	applicant.	

Product Information

Product Name	MAGNESIUM OXIDE BOARD		Brand	/	
Sample	ample		Condition	Sample Amount	1 box
Description		Good Condition		Received Date	2023-09-18
Sample ID		Model		Specification	
S230918009HF.001		/		/	

Test Methods And Standards

Lest 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 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 TIMEN Name: Lu Cheng Name: Harrison Li Title: Reviewer Title: Project Engineer

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Test Report

Issue Date: 2023-09-25

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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±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 1530.1-1994(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°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°C.

2 RESULTS AND OBSERATIONS

Construction of the test specimen: The specimens were cylinder with a diameter of 45mm and a height of 48mm.

The test results were shown in Table below.

Parameter	Result
Mean furnace thermocouple temperature rise ΔT_f (°C)	1.4
Mean specimen centre thermocouple temperature rise ΔT_c (°C)	0.1
Mean specimen surface thermocouple temperature rise ΔT_s (°C)	1.5
Mean duration of sustained flaming (s)	0
Mean mass loss (%)	31.5

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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Issue Date:

2023-09-25

Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
230918009SHF-001	2023-09-25	First issue

