

TEST Report

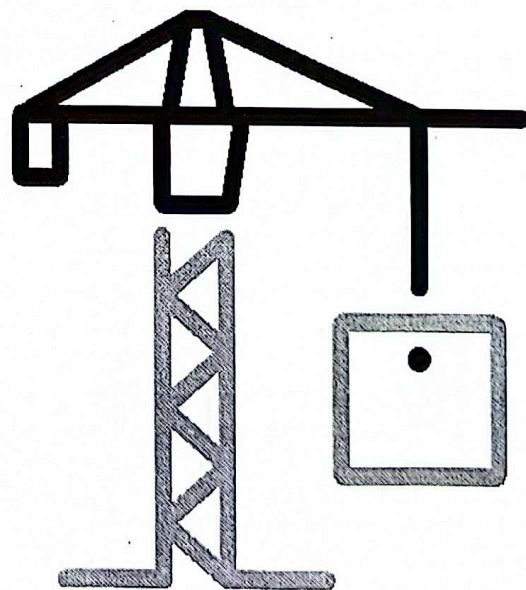
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Test Report

Issue Date: 2017/8/23

Intertek Report No. 170608010SHF-BP-2R1

Applicant: ProGeneus Pty Ltd
Applicant Address: 7, Winter Avenue Kellyville NSW 2155 Australia
Attn: Zhengjin

SUBJECT: Performance testing
Magnesium Mineral Board

Dear Sir,

This test report for represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS
Refer to the next following Pages

SAMPLE ID	MODEL	SPECIFICATION
S170608010SHF.002	/	2400mm*1200mm*10mm

SAMPLE RECEIVED: 2017/4/24
TESTED FROM: 2017/6/8 TO 2017/8/23

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Test Items, Method and Results:

AS/NZS 2908.2:2000 Cellulose-cement products - Part 2: Flat sheets

Property	Test Result	Requirement	Verdict
Dimensional Tolerances			
Length, mm	0	±8	Pass
Width, %	0	±0.5	Pass
Thickness Variation			
Between Sheets, %	6.5	±10	Pass
Within Sheet, %	1.4	≤15	Pass
Edge straightness, mm/m	Length: 1.5 Width: 1.0	≤3	Pass
Squareness, mm/m	2.2	≤4	Pass
Bending Strength¹, MPa			
Dry (Type B sheets)	24.0	See below table 1	Category 5
Wet (Type A sheets)	24.0		Category 5
Apparent Density, g/cm ³	0.954	As Reported	As Reported
Water Permeability	No formation of water drops	No formation of water drops	Pass
Frost Resistance			
R _{fi} , MPa	22.7	/	/
Limit L _f	0.89	≥0.75	Pass
Observation	No deleterious effects	No deleterious effects	Pass
Heat-rain	No cracks or structural alteration	No cracks or structural alteration	Pass
Soak-dry			
R _{fi} , MPa	21.6	/	/
Limit L _f	0.87	≥0.75	Pass

Note:

- The category specified in table 1 according to AS/NZS 2908.2:2000.

Table 1 — Minimum modulus of rupture

Values in megapascals

Category	Minimum MOR	
	Type A sheets	Type B sheets
1	—	4
2	—	7
3	7	10
4	13	16
5	18	22

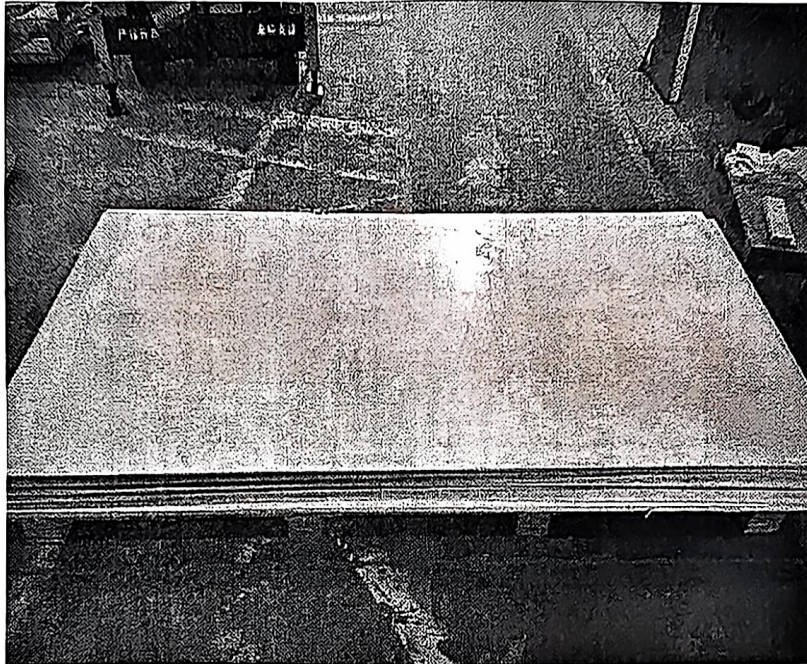


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APPENDIX: SAMPLE RECEIVED PHOTO

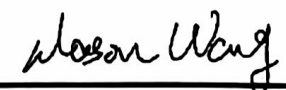


REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.


Name: Sun Sun
Title: Approver


Name: Daniel Zhang
Title: Reviewer


Name: Mason Wang
Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
170608010SHF-BP-2	2017/7/27	First issue	Mason Wang	Daniel Zhang
170608010SHF-BP-2R1	2017/8/23	1. Add Frost Resistance 2. Correct the Result of Bending Strength	Mason Wang	Daniel Zhang

