

PREMIER PACKAGING LTD

TEST REPORT

SCOPE OF WORK

STANDARD GYPSUM BOARD

REPORT NUMBER

220415166GZU-002

TEST DATE(S)

From 6/24/2022 to 7/6/2022

ISSUE DATE

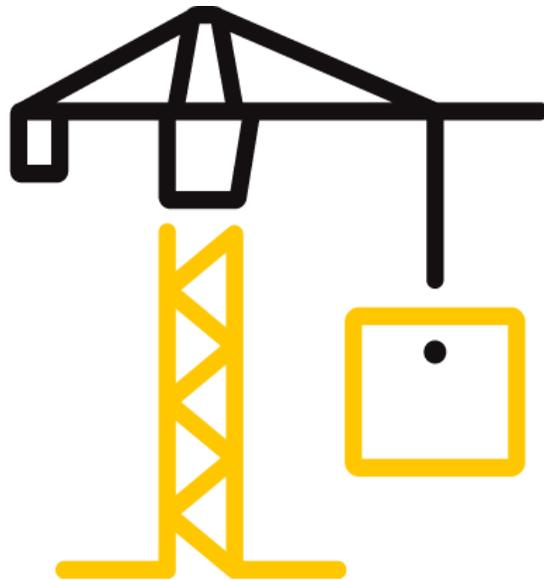
7/11/2022

[REVISED DATE]

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

DOCUMENT CONTROL NUMBER

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- 5.All the tests results give the statement of conformity refer to the decision rule of "Procedure 2 " Accuracy Method" as stated in the IEC Guide 115:2007.



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Client Information:

Applicant Name:	PREMIER PACKAGING LTD
Address:	17A GABADOR PLACE, MT WELLINGTON, AUCKLAND 1060, NEW ZEALAND
Attn:	Sue Lee

Product Information:

Product Name	STANDARD GYPSUM BOARD	Sample Description	Good Condition
Model and/or type reference	STANDARD 10MM	Received Date	6/20/2022
Sample ID.	S220415166GZU-002	Sample Amount	1 package
Brand name or Remark	PREMIER GYPSUM BOARD	Specification	10MMX1200MMX2400MM
Manufacturer	TAISHAN GYPSUM CO., LTD		
Address	XIACHU TOWN, RUSHAN CITY, WEIHAI CITY, SHANDONG PROVINCE, CHINA		
Test Type	Performance test, samples provided by the applicant		

Test Methods And Standards:

Test Standard	AS/NZS 2588: 2018
Specification Standard	AS/NZS 2588: 2018
Test Conclusion	Refer to the following pages

Note:1.*The test item is subcontracted to the body accredited by CNAS.

Laboratory information:

Testing Laboratory	Intertek testing services Shenzhen Ltd. Guangzhou Branch
Test location	Room 4103 & 4203, No. 63 Punan Road, Huangpu District, Guangzhou, China

Report Authorized :

Authorized By:



Jeff Deng
Reviewer

Checked By:



Kelming Wang
Project Engineer

Noted: If you have any questions for the report, please contact: lillian.lf.he@intertek.com

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Test Items, Method and Results:

No.	Test Item	Test Parameter	Test Result	Verdict
1	Classification	<p>Test method: Clause 5 of AS/NZS 2588: 2018</p> <p>Gypsum plasterboard shall be classified by the following grades and by performance requirements:</p> <p>(a) Bracing grade. (b) Fire-resistant grade. (c) Standard grade. (d) Water-resistant grade.</p>	The product complied to the Standard Grade	Pass
2	Thickness	<p>Test method: Clause 6.1 of AS/NZS 2588: 2018</p> <p>Requirements of AS/NZS 2588: 2018: The average thickness of gypsum plasterboard, when measured in accordance with Appendix B, shall be within ± 0.5 mm of the nominal thickness.</p> <p>The thickness range for each board measured shall not exceed 0.8 mm for standard grade plasterboard and 1.2 mm for fire-resistant grade plasterboard.</p>	<p>Nominal thickness: 10 mm</p> <p>Average thickness: 9.9 mm</p> <p>Maximum thickness: 10.0 mm</p> <p>Minimum thickness: 9.9 mm</p>	Pass
3	Width	<p>Test method: Clause 6.2 of AS/NZS 2588: 2018</p> <p>Requirements of AS/NZS 2588: 2018: The actual width of gypsum plasterboard shall be within ± 3 mm of the nominal width</p>	<p>Nominal width: 1200 mm</p> <p>Average width: 1200 mm</p> <p>Maximum width: 1201 mm</p> <p>Minimum width: 1198 mm</p>	Pass
4	Length	<p>Test method: Clause 6.3 of AS/NZS 2588: 2018</p> <p>Requirements of AS/NZS 2588: 2018: The length of gypsum plasterboard sheets shall be within ± 5 mm of the nominal specified length.</p>	<p>Nominal length: 2400 mm</p> <p>Average length: 2400 mm</p> <p>Maximum length: 2401 mm</p> <p>Minimum length: 2399 mm</p>	Pass

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5	Squareness	Test method: Clause 6.4 of AS/NZS 2588: 2018 Requirements of AS/NZS 2588: 2018: The cut ends of the board shall be square with the edges within ± 3 mm in the full width of the board.			Squareness: Average: 0.8 mm; Maximum: 1.1 mm	Pass
6	Edge finish	Test method: Clause 7 of AS/NZS 2588: 2018 Requirements of AS/NZS 2588: 2018: Edges of gypsum plasterboard shall be square, recessed or bevelled to suit the specified joint finish.			Square edge	Pass
7	Bending strength	Test method: Clause 9.1.2 and Appendix C of AS/NZS 2588: 2018, Method A; Test speed: 25mm/min Requirements of AS/NZS 2588: 2018:			Perpendicular: 400 N; Parallel: 176 N	Pass
		Nominal thickness mm	Load N			
			Perpendicular	Parallel		
		10	360	150		
13	490	200				
8	Edge hardness	Test method: Clause 9.1.3 and Appendix D of AS/NZS 2588: 2018; Test speed: 25 mm/min; Requirements of AS/NZS 2588: 2018: When tested in accordance with Appendix D, gypsum plasterboard shall have an edge hardness of not less than 45 N.			Average edge hardness: 168 N	Pass
9	Nail pull resistance	Test method: Clause 9.1.4 and Appendix E of AS/NZS 2588: 2018, Method A; Test speed: 25mm/min Requirements of AS/NZS 2588: 2018: When tested in accordance with Appendix E, gypsum plasterboard shall have minimum nail pull resistance appropriate to its intended use as shown in below table:			Nail pull resistance: Average: 444 N; Minimum: 389 N	Pass
		Walls (Studs max. 600 mm centres)	Ceilings (Joists/furring max. 450 mm centres)	Ceilings (Joists/furring max. 600 mm centres)		
		N	N	N		
		270	270	300		

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10	Bond strength	<p>Test method: Clause 9.1.5 and Appendix E of AS/NZS 2588: 2018; Test speed: 50 mm/min; Requirements of AS/NZS 2588: 2018: When tested in accordance with Appendix F, the bond strength of the test specimen in tension shall be not less than 250 N after 24 h drying.</p>	<p>bond strength: Average: 345 N; Minimum: 300 N</p>	Pass														
11	Humidified deflection	<table border="1"> <tr> <td colspan="3" data-bbox="574 709 1036 835"> Test method: Clause 9.1.6 and Appendix G of AS/NZS 2588: 2018, Method A; Requirements of AS/NZS 2588: 2018: </td> </tr> <tr> <td data-bbox="574 835 751 1020" rowspan="2">Test method</td> <td colspan="2" data-bbox="751 835 1036 909">Maximum deflection mm</td> </tr> <tr> <td data-bbox="751 909 894 1020">Spanning board 450 mm</td> <td data-bbox="894 909 1036 1020">Spanning board 600 mm</td> </tr> <tr> <td data-bbox="574 1020 751 1094">A — Cantilever method</td> <td data-bbox="751 1020 894 1094">50</td> <td data-bbox="894 1020 1036 1094">25</td> </tr> <tr> <td data-bbox="574 1094 751 1203">B — Simply supported method</td> <td data-bbox="751 1094 894 1203">10</td> <td data-bbox="894 1094 1036 1203">5</td> </tr> </table>	Test method: Clause 9.1.6 and Appendix G of AS/NZS 2588: 2018, Method A; Requirements of AS/NZS 2588: 2018:			Test method	Maximum deflection mm		Spanning board 450 mm	Spanning board 600 mm	A — Cantilever method	50	25	B — Simply supported method	10	5	<p>Humidified deflection: 21 mm</p>	Pass
Test method: Clause 9.1.6 and Appendix G of AS/NZS 2588: 2018, Method A; Requirements of AS/NZS 2588: 2018:																		
Test method	Maximum deflection mm																	
	Spanning board 450 mm	Spanning board 600 mm																
A — Cantilever method	50	25																
B — Simply supported method	10	5																
12	Marking	<p>Test method: Clause 10 of AS/NZS 2588: 2018; Each sheet of gypsum plasterboard shall be clearly marked with the following particulars: (a) The manufacturer's name or trademark. (b) Nominal thickness. (c) Width. (d) Type of edge. (e) Product name or classification. The grade of plasterboard shall be displayed on the back of the sheet at no greater than 1.2 m intervals. This grading shall be displayed by the use of registered marks, trademarks or other means that clearly classifies the plasterboard.</p>	<p>No marking submitted</p>	-														

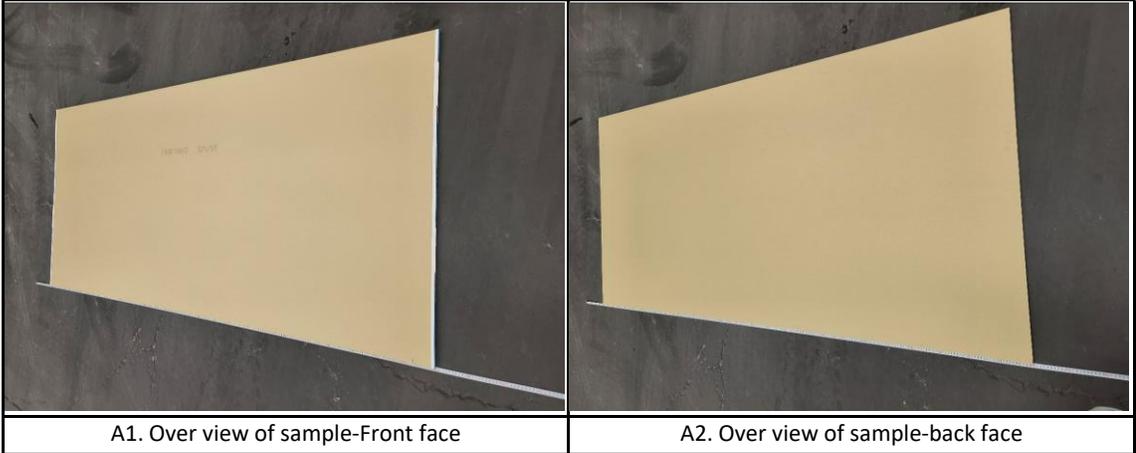


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Appendix A: Sample Received Photo



Revision:

Revision No.	Date	REVISION	Reviser	Reviewer
/	/	Original Report Issue	/	/

*****End of Report*****

GUANGZHOU