

TEST REPORT

No.: GZIN2602000283CM01_EN

Issue Date: 2026-02-25

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CUSTOMER NAME: SHENZHEN LDK INDUSTRIAL CO., LTD.
ADDRESS: A208, A BUILDING, 45 LIXIN ROAD, LONGGANG DISTRICT,
SHENZHEN, GUANGDONG PROVINCE, CHINA.

Sample Name : Glass
Product Specification : 1623x1750mm

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : SZIN2602000286ML01
Date of Receipt : 2026-02-06
Testing Period : 2026-02-06 ~ 2026-02-25
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Tobby

Tobby Yang

Authorized signatory

Scan to see the report



GZIN2602000283CM01
Verification:
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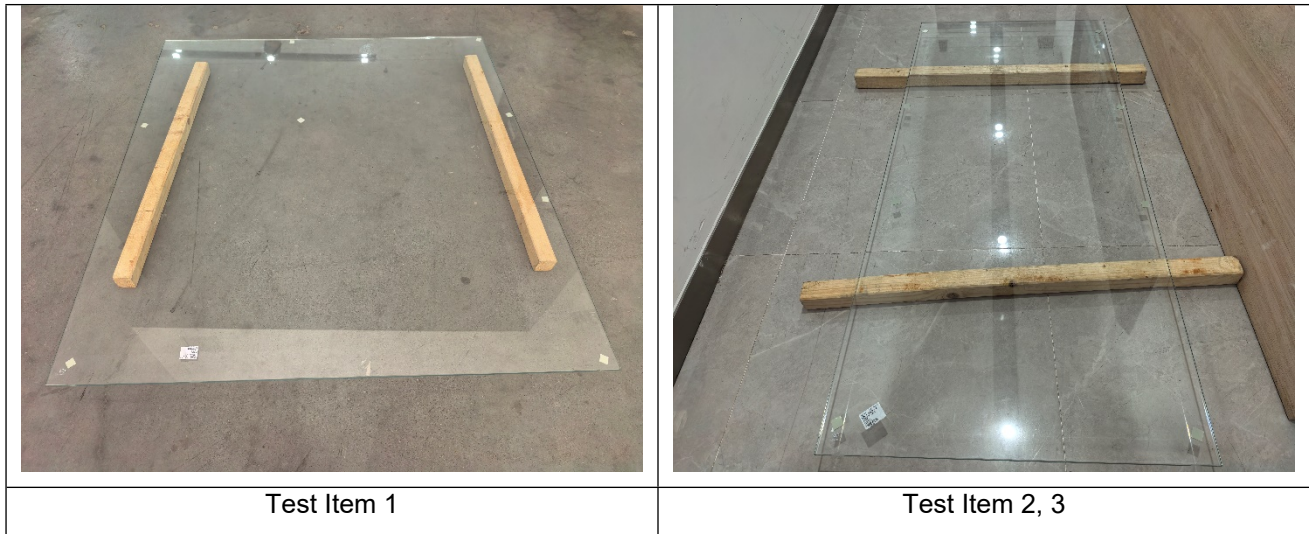
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Dimensional Specifications	AS 2208:2023+A1:2024 Section 2 & Annex C	See test result	Pass
2	Impact Test	AS 2208:2023+A1:2024 Section 3.2 and Annex D	See test result	Pass
3	Fragmentation Test	AS 2208:2023+A1:2024 Section 3.3 and Annex E	Particle count: 41	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
N/A : Not Apply to the judgment.

Original Sample Photo:



Test Item 1

Test Item 2, 3

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Test Item 1: Dimensional Specifications

Sample Description: See photo

Test Method: AS 2208:2023+A1:2024 Section 2 & Annex C

Test Condition:

Nominal Dimension: 1750 mm×1623 mm×12 mm

Test Result:

Test Item	Test Result		Requirement in AS 2208:2023+A1:2024		Conclusion
Thickness	Ave.: 11.80 mm Max.: 11.84 mm Min.: 11.76 mm		12±0.3 mm		Pass
Size tolerance	Length	Ave.: 1750 mm	Non-patterned		Pass
		Max.: 1750 mm	< 1200mm	≥1200mm	
		Min.: 1750 mm			
	Width	Ave.: 1623 mm Max.: 1623 mm Min.: 1623 mm	±2mm	±3mm	
Squareness	The difference between the two diagonals: 0mm		The difference between the two diagonals does not exceed 10mm where the largest dimension is more than 1200mm.		Pass
Flatness	Localized warp: 0.05mm/200mm		Localized warp 1.0 mm over any 200 mm span		Pass
	Overall bow: 0.05mm/300mm		≤1.0mm/300mm		Pass



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Test Item 2: Impact Test

Sample Description: See photo

Test Method: AS 2208:2023+A1:2024 Section 3.2 and Annex D

Test Condition:

Nominal Dimension: 1900 mm×860 mm×12 mm

Classification: Grade A

Test Requirements:

Test pieces shall comply with any of the following requirement after impact and record-

(i) it has remained unbroken; or

(ii) it has broken and numerous cracks appear, but no shear or opening is allowed within the test piece through which a 76 mm diameter sphere can pass freely;. Additionally, if particles are detached from the test piece up to 3 min after impact, they shall, in total, weigh no more than a mass equivalent to 10000 mm² of the original test piece. The largest single particle shall weigh less than the mass equivalent to 4400 mm² of the original test piece; or

(iii) it has broken and disintegration occurs but the 10 largest crack-free fragments selected 3min after impact, together weight no more than the mass equivalent to 6500mm² of the original test piece; or

(iv) it has broken and breakage results in several separate pieces, which may or may not be retained in the frame. Those pieces that are exposed after the impact shall be in accordance with one or both of the following:

(A) The perimeter shall not be sharp

(B) Where any pointed protrusion occurs in any perimeter, the length of the chord between the two points which are established when an arc of radius 25mm, whose center is at the apex of the protrusion, crosses the perimeter on each side of the apex shall be not less than 25mm

In the event of the glazing material not breaking after being impacted from a drop height of 1500 mm, use a centre-punch with sufficient force to deform or break the glazing material and examine the fracture pattern as follows:

(I) if the glazing material disintegrates into small fragments as defined in (i)~ (iv) above, it is considered a pass;

(II) if the panel cracks or deforms but is held together in a safe manner, it passes;

(III) if it breaks in large pieces and can be pushed out of the frame, it fails.



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Test Result:

Drop height	Result	
	Not break or broke	Total weight of the 10 largest crack-free particles
300mm	All 4 tested pieces did not break.	---
450mm	All 4 tested pieces did not break.	---
600mm	All 4 tested pieces did not break.	---
750mm	All 4 tested pieces did not break.	---
900mm	All 4 tested pieces did not break.	---
1200mm	All 4 tested pieces break.	38.0 g
1500mm	---	---
Centre-punch impact		---

Requirement in AS 2208:2023 Section D.5: It has broken and disintegration occurs but the 10 largest crack-free fragments selected 3 min after impact, together weight no more than the mass equivalent to 6500 mm² of the original test piece.

Conclusion: Pass

Note: The equivalent weight of 6500 mm² of the original specimen: 195 g



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Test Item 3: Fragmentation Test

Sample Description: See photo

Test Method: AS 2208:2023+A1:2024 Section 3.3 and Annex E

Test Condition:

Nominal Dimension: 1900 mm×860 mm×12 mm

Test Result:

Test Item	Test Result	Requirement in AS 2208:2023 Section 3.3 (Thickness:12mm)	Conclusion
Fragmentation Test	Particle count: 41	≥40	Pass

Appendix information:

1. The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc., and just for internal reference.
2. Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

*****End of report*****



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