

Test Report

No. GZMR110305858

Date: Apr 12, 2011

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YUHE GLASS TRADE CO., LTD DONGGUAN CITY
NO.109, HONGTU ROAD, SCI, & TECH, PARK, NANCHENG ZONE, DONGGUAN CITY, GUANGDONG
PROVINCE, P.R.C

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : FLOAT TEMPERED GLASS / 800×800×12mm
SGS Ref. No. : GP110320092-22.19, SDHGR110300406FT
Test Performed : Selected test(s) as requested by applicant
Sample Receiving Date : Mar 18, 2011
Test Performing Date : Mar 18, 2011to Mar 31, 2011
Test Result(s) : Please refer to the following page(s)

***** To be continued*****

Signed for and on behalf of
SGS-CSTC Ltd.



May Huo
Engineer

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Test Conducted: BS 6206: 1981 & AMD 8693:1995, Impact performance requirements for flat safety glass and safety plastics for use in buildings.

Glass Size	:	800mm (L) X 800mm (W) X 11.86mm (T)
Test Class	:	Class A
No. of Sample	:	13 Pieces
Glass Type	:	Tempered glass

1. Toughening Quality Test

Test Method & Requirements : Strike the test piece 13mm from its longest edge at the midpoint of that edge until breakage occurs, then all particle count determinations shall be completed within 4~5 minutes of the fracture of the test sample. The test piece shall have a minimum particle count of 40 particles in any 50mm x 50mm square.

Test Result : **PASS.** (Particle count: 82particles.)

2. Impact Test

Test Method & Requirements :

- Place the test piece in the frame and clamp it appropriately.
- Raise the impactor to a drop height of 305mm and steady it.
- Release the impactor and strikes the test piece.
- Inspect the test piece after impact.
- If test piece fail to comply with the requirements, terminate the procedure. If the test pieces either do not break or else break safety, and it is required to test the material to a higher impact level, increase the drop height to 457mm and repeat the test on four more test pieces of the same material.
- Repeat the test as above steps for a drop height to 1219mm on four more test pieces of the same material.
- The test pieces shall be no breakage or breaks safely.

Test Results	:	<u>Test Class</u>	<u>Test Results</u>	<u>Rating</u>
		Class C	No breakage	PASS
		Class B	No breakage	PASS
		Class A	No breakage	PASS

To be continued...

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3. Marking

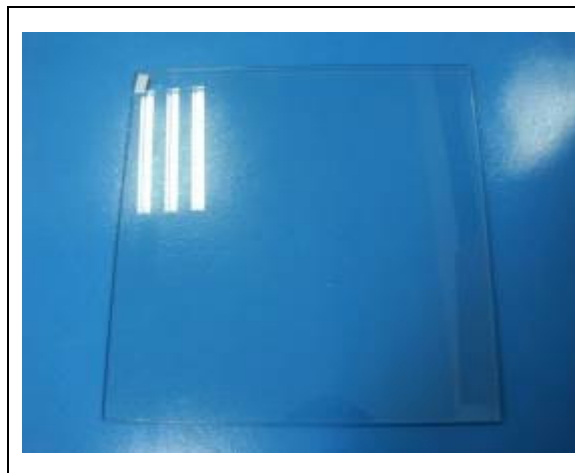
Requirements : All panels shall be marked as follows. These marks shall be permanent and applied before installation in a position to remain visible after installation.

- a) An identifiable name or trademark;
- b) The type of the material;
- c) The number of this British Standard, i.e. BS 6206;
- d) The classification relating to impact test behavior.

Test Result : **PASS.**

Note: The above test was carried out by a SGS laboratory.

Photo Appendix:



End of Report

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