

## Test Report

No. SDHG1307005751FT

Date: Jul.29, 2013

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ZHUOTAI SANITARY WARE CO., LTD  
NO. 188,Lianxing Road, Baijiao Town, Doumen  
District, Zhuhai, Guangdong, China

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

Sample Description : GLASS MIRROR  
Sample Receiving Date : Jul.13, 2013  
Test Performing Date : Jul.13, 2013 to Jul.22, 2013

### Test Result Summary

Test(s) Requested	Result(s)	Comments
BS 6206: 1981 & AMD 8693:1995 (Class B)	PASS	/
For further details, please refer to the following page(s)		

Signed for and on behalf of  
SGS-CSTC Co., Ltd.



Jack Yao  
Approved signatory

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**TESTS AND RESULTS**
**Test Conducted:**

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

**Scope:**

This British Standard specifies performance requirements and a test method in respect of energy absorption (impact) for flat safety glass and safety plastics for use in buildings. These requirements are intended to reduce the risk of injuries caused by cutting and piercing in accidents where these materials are involved. Three classes of safety glass and safety plastics are defined.

This standard does not specify situations where safety glass and safety plastics should be used, nor does it specify requirements for their durability.

**General Test Condition:**

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. The results obtained for each of the applicable tests are presented in their respective section describing the procedures below.

Clause	Test Items and Requirements	Test Results
Annex B	<b><u>Toughening Quality Test</u></b> 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.	NA  Non toughened glass
5	<b><u>Impact Test</u></b> a). Place the test piece in the frame and clamp it appropriately. b). Raise the impactor to a drop height of 305mm and steady it. c). Release the impactor and strikes the test piece. d). Inspect the test piece after impact. e). If test piece fail to comply with the requirements, terminate the procedure. If the test pieces either do not break or else break safely, 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. f). Repeat the test as above steps for a drop height to 1219mm on four more test pieces of the same material. g). The test pieces shall be no breakage or breaks safely.	PASS  See Table A
6	<b><u>Marking</u></b> 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.	PASS

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Table A.

Test Class	Test Results	Rating
Class C	Breakage safely	PASS
Class B	Breakage safely	PASS

## Remark:

1. N/A – Not applicable;
2. The content of this test report is extracted from the test report number SDHG1307005167FT.

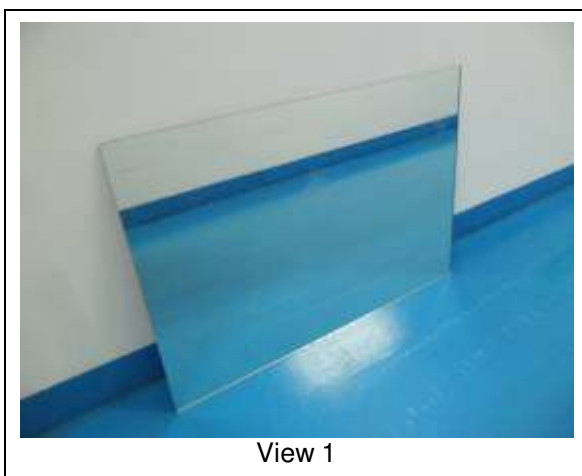
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### SAMPLE INFORMATION AND PICTURES

Glass Size	865mm (L) X 601mm (W) X4.55mm (T)
Test Class	Class B
No. of Sample	10 Pieces
Glass Type	Annealed glass (Mirror)

#### Sample as Received



View 1



View 2

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

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