

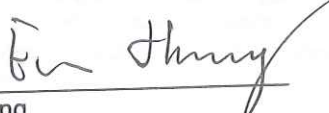
QINGDAO KINGSTONE GLASS PRODUCT CO., LTD.  
EAST JINQIANHE ROAD, HUANGDAO DISTRICT, QINGDAO, CHINA

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

Sample Name : 4MM CLEAR ALUMINUM MIRROR  
Sample Number : SHCCM151103621  
SGS Ref. No. : QDHG1511005551CO  
Test Required : Please see the next page(s)  
Test Standard : EN 1036-1:2007  
Manufacturer : KINGSTONE GLASS  
Country of Origin : CHINA  
Date of Receipt : Nov. 12, 2015  
Test Period : Nov. 12, 2015 to Nov. 25, 2015  
Test result(s) : For further details, please refer to the following page(s)

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

Signed for SGS-CSTC Standards  
Technical Services (Shanghai) Co., Ltd.

  
Erin Huang  
Authorized signatory

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SHCCM 015191



1. Light reflectance

I Sample description:

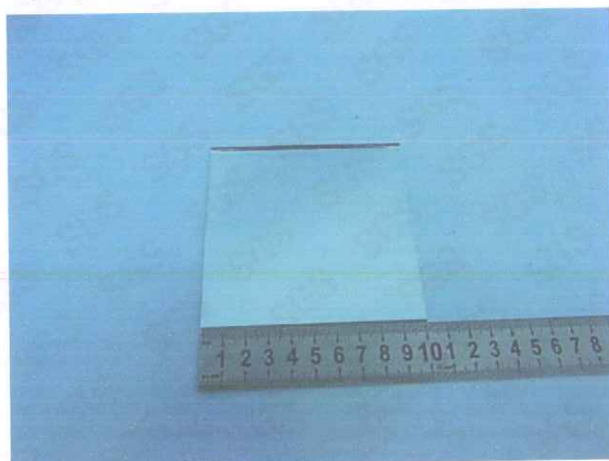
dimension	100mm×100mm
Actual thickness	3.88mm

II Test results:

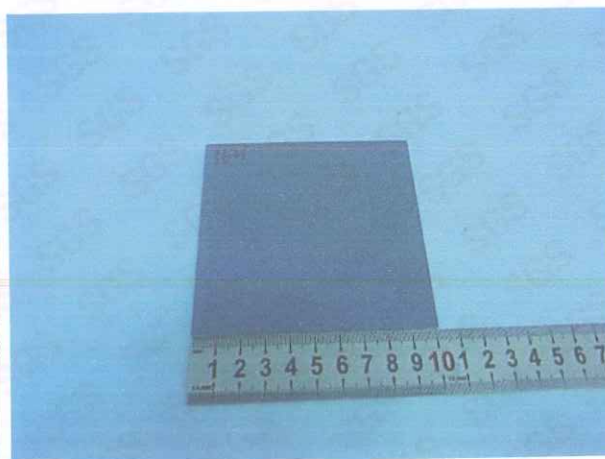
Test Item	Test Method	Test Result
Light reflectance (%)	EN 1036-1:2007 & EN 410:2011	91.82

Note: The test face is the mirror face.

Sample photos:



Mirror face



Back face

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

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**SHCCM 015192**

SGS-CTI Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center for Mechanical Services and Material Laboratory

No.69, Block 1159, East Kang Qiao Road, Pudong District, Shanghai, China. 201319 t(86-21)61196300 f(86-21)61191853/68183920 www.sgs.com.cn  
中国·上海·浦东康桥东路1159弄69号 邮编:201319 t(86-21)61196300 f(86-21)61191853/68183920 e sgs.china@sgs.com

### 2. Adhesion Test of Coatings

Sample Description: See photo

Test Method: EN 1036-1:2007 Section 8.2 & EN ISO 2409:2013

Test Condition:

Space: 1mm

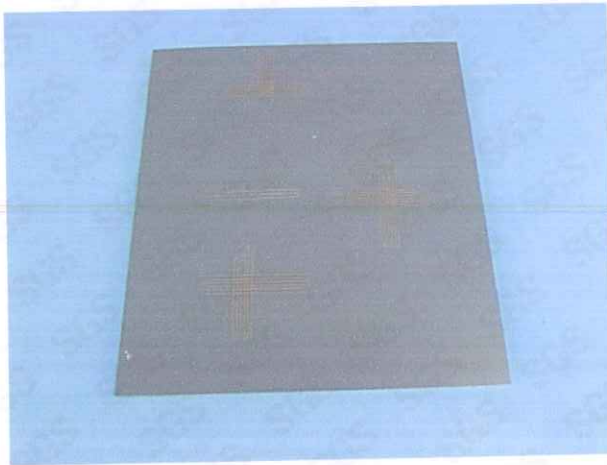
Tape: 3M 610(Scotch®)

Test Result:

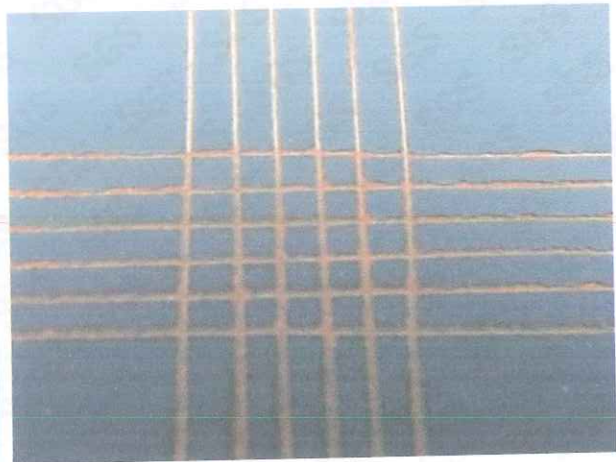
Sample	Adhesion classification
1	1

Note: According to EN ISO 2409:2013, in the adhesion classification--classification 0 is the best and classification 5 is the worst.

Test photos:



After test



After test- Local part

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

### 3. Copper-Accelerated Acetic Acid-Salt Spray (CASS) Test

Sample Description: See photo

Test Method: EN 1036-1:2007 Section 8.1 & EN ISO 9227:2012

Test Condition:

Concentration of solution collected: (50±5)g/L NaCl + (0.26±0.02)g/L CuCl<sub>2</sub>·2H<sub>2</sub>O

Chamber temperature: (50±2)°C

Volume of salt solution collected: (1.0~2.0) ml/(80cm<sup>2</sup>·h)

pH of collected solution at (25±2)°C: 3.1~3.3

Exposure period: 120h

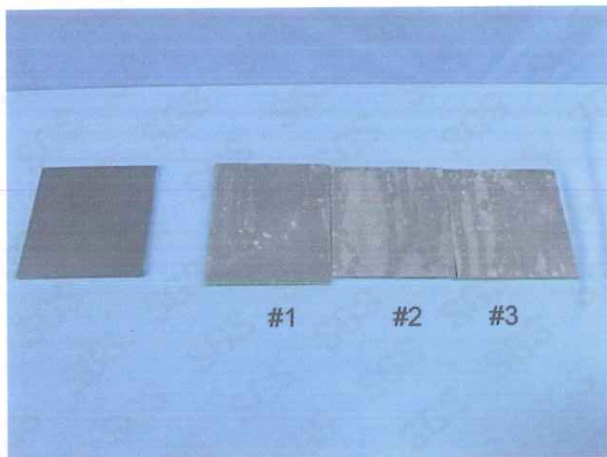
Test Result:

Sample		Appearance
1	#1	Visible discoloration in the protective coating, but no coloured or diffused areas, spot fault or edge corrosion within the reflective layer; No bubbles in the protective coating surface
	#2	Visible discoloration in the protective coating, but no coloured or diffused areas, spot fault or edge corrosion within the reflective layer; No bubbles in the protective coating surface
	#3	Visible discoloration in the protective coating, but no coloured or diffused areas, spot fault or edge corrosion within the reflective layer; No bubbles in the protective coating surface

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



Test photos:



Reference sample

Tested sample



Tested sample (local part)

Note: The test item 2 and 3 were performed by SGS other internal laboratory.

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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

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SHCCM 015195

SGS-Standard Technical Services (Shanghai) Co., Ltd.  
Testing Center / Internal Customer Material Laboratory

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