



TEST REPORT

No. : SHCCM151103619

Date : Nov. 25, 2015

Page: 1 of 5

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 : 3MM CLEAR SILVER MIRROR
Sample Number : SHCCM151103619
SGS Ref. No. : QDHG1511005550CO
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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1. Light reflectance

I Sample description:

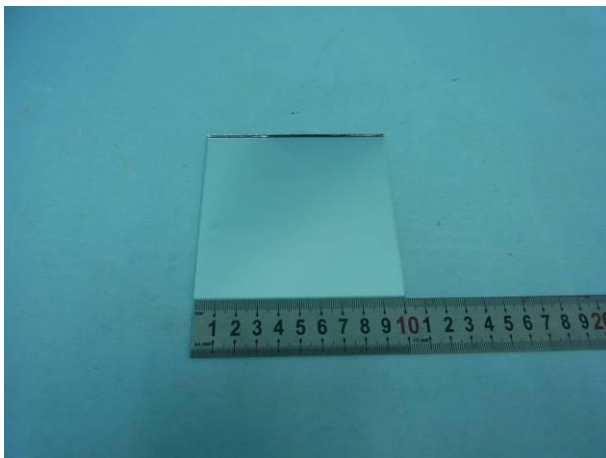
dimension	100mm×100mm
Actual thickness	2.90mm

II Test results:

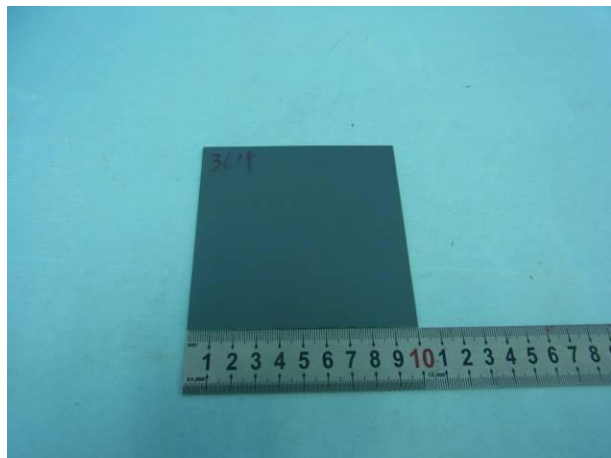
Test Item	Test Method	Test Result
Light reflectance (%)	EN 1036-1:2007 & EN 410:2011	93.74

Note: The test face is the mirror face.

Sample photos:



Mirror face



Back face

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



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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

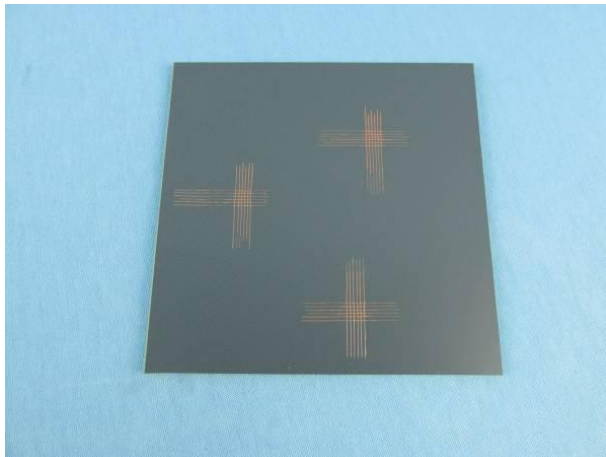
Tape: 3M 610(Scotch®)

Test Result:

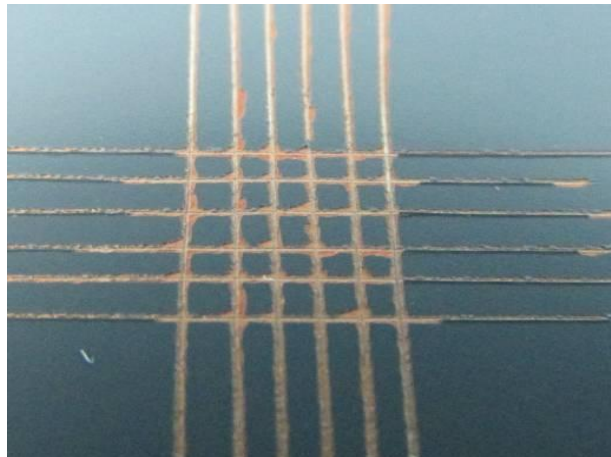
Sample	Adhesion classification
1	2

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*****



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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 $\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$

Chamber temperature: $(50 \pm 2)^\circ\text{C}$

Volume of salt solution collected: $(1.0 \sim 2.0)$ ml/($80\text{cm}^2 \cdot \text{h}$)

pH of collected solution at $(25 \pm 2)^\circ\text{C}$: 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 *****



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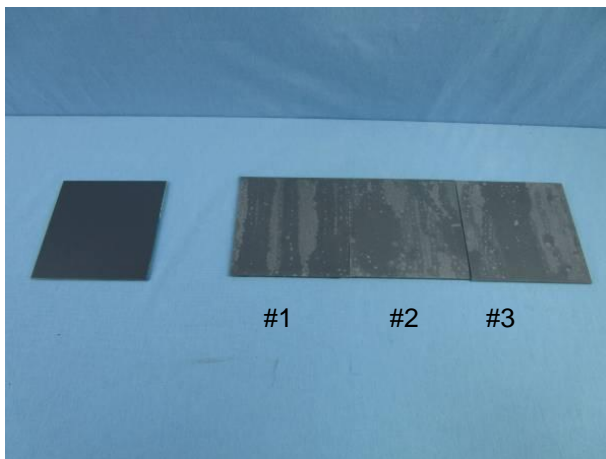
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Test photos:



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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