

## TEST REPORT



REPORT NO. TV-16-01348ZA  
PAGE NO. 1 OF 3  
DATE Jun. 13, 2016

Applicant KWO LIN CO., LTD.  
Product Description DP High Durable Powder Coating  
Received Date Apr. 8, 2016  
Tested Date Apr. 8, 2016~Jun. 4, 2016  
Remark The information mentioned in the above section is provided by Client  
(Exclude Date of Sample Received and Date of Testing)

Test Request :

Salt spray test - 1200 hrs.

Test Method :

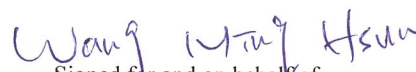
ASTM B117-11 Standard Practice for Operating Salt Spray(Fog)Apparatus  
ASTM D1654-92(2000) Evaluation of Painted or Coated Specimens Subjected to  
Corrosive Environments

Test Result :

- PLEASE SEE ATTACHED SHEETS -

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The required specification(s) offered in this test report is/are for reference only.  
The conformity judgment is at the Applicant's final verdict.

  
Signed for and on behalf of  
SGS TAIWAN Ltd.

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Material &amp; Engineering Laboratory-Taichung

## TEST REPORT



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## Test Apparatus :

Name	Brand	Model
Salt spray tester	WEISS	SC450

## Test Result :

Test Item	Result
Salt Spray test- After 1200 hrs.	
a. Surface	No Expansion 、Stripped 、corrosion
b. Scale	
Procedure A (Scale)	10
Procedure B (Scale)	10

## Note: 1. Test Conditions below :

- |  |  |
|--|--|
| (1) Type of salt used in preparing the salt solution : Class 1                     | (7) Method of Cleaning specimen : Maintain initial condition prior to test     |
| (2) Concentration of solution collected : 5 w/v % NaCl                             | : After test by 38°C warm water cleaning & dry                                 |
| (3) Type of water used in preparing the salt solution : Distilled water            | (8) pH of collected solution : 6.8 (Avg.)                                      |
| (4) The temperature within the exposure zone of the closed cabinet (°C) : 35.0±1.0 | (9) Method of supporting or suspending article in the salt spray chamber : 15° |
| (5) Salt solution collected (ml/h/80cm <sup>2</sup> ) : 1.8 (Avg.)                 | (10) Description of protection used : The around the back of the tape          |
| (6) Air pressure (kgf/cm <sup>2</sup> ) : 1.0 (Avg.)                               |  |

## 2. Scale Standard

Procedure A		Procedure B	
Area failed (%)	Rating Number	Corrosion (%)	Rating Number
No failure	10	Zero	10
0 to 1	9	0 to 0.5	9
2 to 3	8	0.5 to 1.0	8
4 to 6	7	1.0 to 2.0	7
7 to 10	6	2.0 to 3.0	6
11 to 20	5	3.0 to 5.0	5
21 to 30	4	5.0 to 7.0	4
31 to 40	3	7.0 to 10.0	3
41 to 55	2	10.0 to 13.0	2
56 to 75	1	13.0 to 16.0	1
Over 75	0	16.0 to more	0

3. Testing was preformed on Q-PANEL, AL36 (Aluminum, Chromate Pretreated)( provided by Client)

4. Salt Water Spray test (Visual) test is accredited TAF

5. This test report is an additional original report of TV-16-01348Z. Issued date : Jun. 4, 2016.

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The conformity judgment is at the Applicant's final verdict.

*Wang Ming Hsun*  
Signed for and on behalf of  
SGS TAIWAN Ltd.

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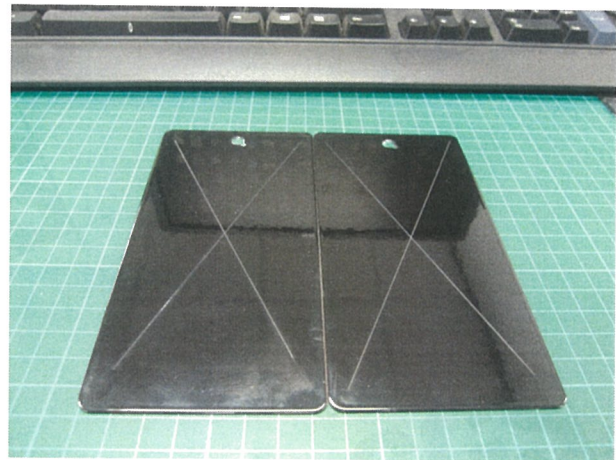
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### Test Photo :



Sample



After test

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*Wang Ming Hsueh*  
Signed for and on behalf of  
**SGS TAIWAN Ltd.**

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