



Test Report

Item No. 1007833-B
0519523-S

SALT SPRAY TEST REPORT

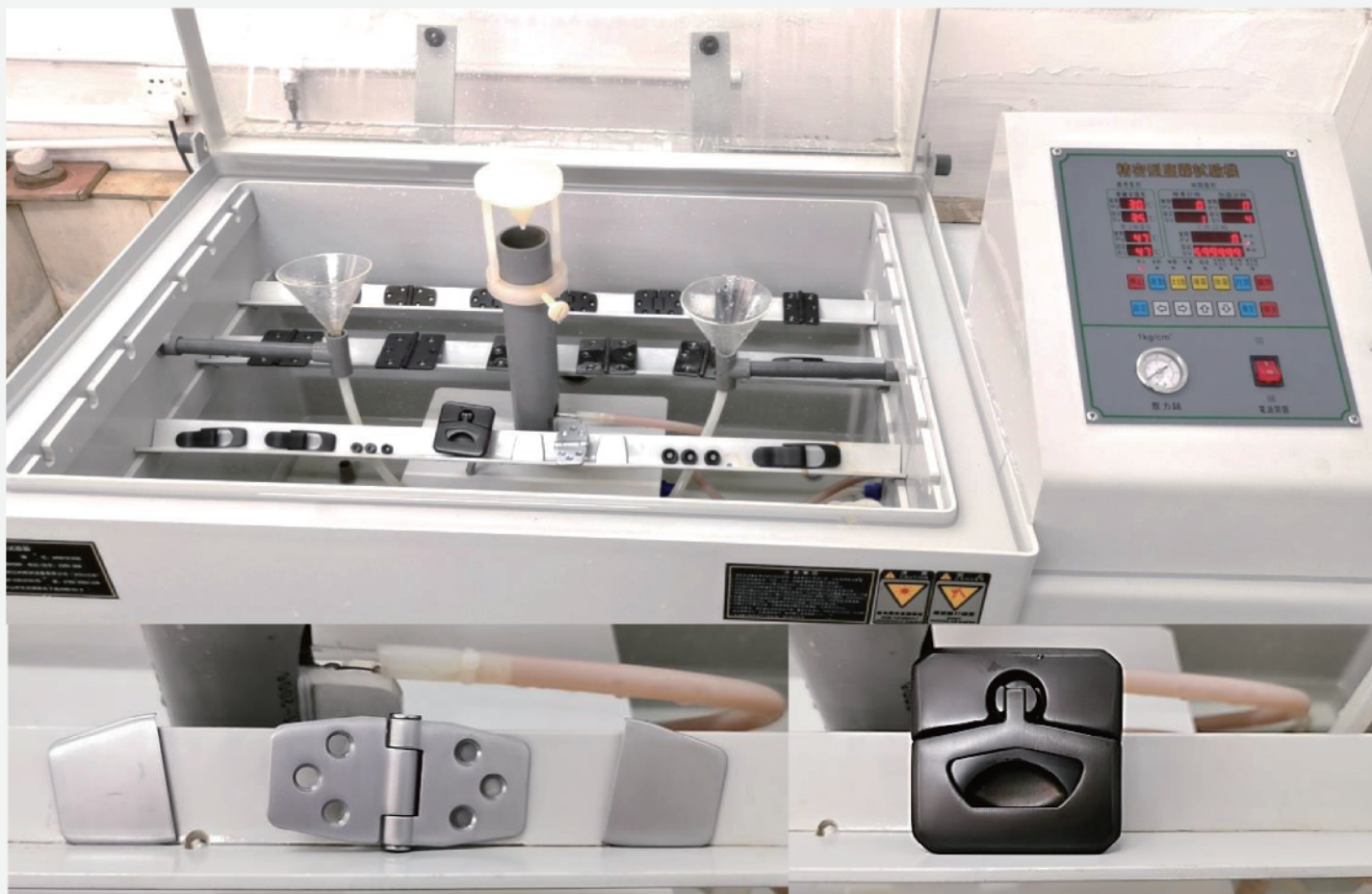
We have tested the samples and the following result were obtained :

Manufacturer	Marine Town Inc.
Test Required	Salt Spray Test

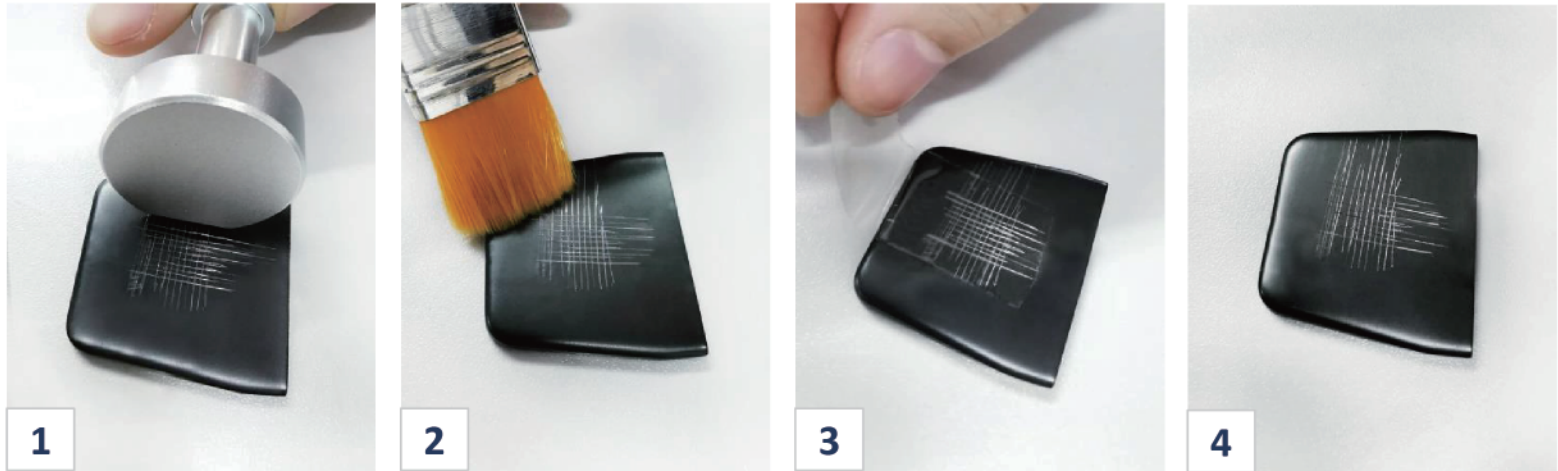
Item No.	Sample Description
1007833-B	SQUARE GRAND COMPRESSION LATCH 2" W/O LOCK DULL BLACK
0519523-S	COVER FRICTION HINGE 40mmx78mm BARREL DOWN SILVER FINISH

Test Condition	Content
ASTMB 117-09	Standard Practice for Operating Salt Spray Apparatus
Salt Solution	5% NaCl solution
PH of Solution	6.8-7.2
Temperature	35+/-1°C
Quantity of fog	1.0~2.0 ml/80 cm ² /hour
Exposing Duration	500 hrs
Testing Result	Examine the appearance of the products by visual check.
	No visible damage/ corrosion.

Test Photo

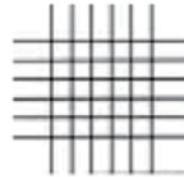


CROSS-HATCH ADHESION TEST

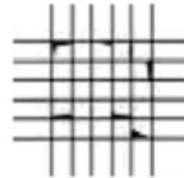


Test procedures	
Step 1	Cut a cross-hatch in the PVD surface.
Step 2	Brush the cross-hatched area.
Step 3	With adhesive tape applied to the area, and pull off.
Step 4	Compare areas of detached coating with the ASTM adhesion standards.
Test Result	Meet ISO Class 0/ ASTM Class 5B

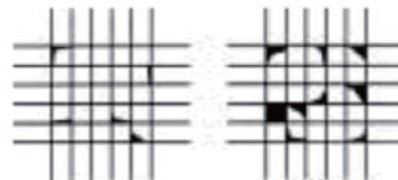
ISO Class: 0/ASTM Class: 5B
The edges of the cuts are completely smooth; none of the squares of the lattice is detached.



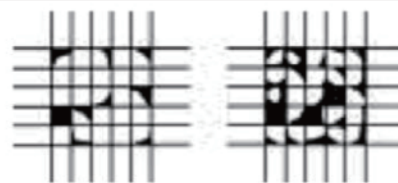
ISO Class: 1/ASTM Class: 4B
Detachment of small flakes of the coating at the intersections of the cuts. A cross-cut area not significantly greater than 5% is affected.



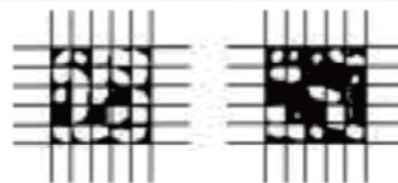
ISO Class: 2/ASTM Class: 3B
The coating has flaked along the edges and/or at the intersections of the cuts. A cross-cut area significantly greater than 5%, but not significantly greater than 15%, is affected.



ISO Class: 3/ASTM Class: 2B
The coating has flaked along the edges of the cuts partly or wholly in large ribbons, and/or it has flaked partly or wholly on different parts of the squares. A cross-cut area significantly greater than 15%, but not significantly greater than 35%, is affected.



ISO Class: 4/ASTM Class: 1B
The coating has flaked along the edges of the cuts in large ribbons, and/or some squares have detached partly or wholly. A cross-cut area significantly greater than 35%, but not significantly greater than 65%, is affected.



ISO Class: 5/ASTM Class: 0B
Any degree of flaking that cannot even be classified by classification 4.



UV EXPOSURE AND CONDENSATION TEST REPORT

Item No.	Sample Description
1007833-B	SQUARE GRAND COMPRESSION LATCH 2" W/O LOCK DULL BLACK
0519523-S	COVER FRICTION HINGE 40mmx78mm BARREL DOWN SILVER FINISH

Test Performing Date	28-Apr-19
Testing Lab	Zhongshan Supervision Testing Institute of Quality & Metrology

Test Result Summary	
Test Request	UV Exposure and Condensation Test
Testing Standards	ANSI BHMA A156.36-2016
	Products are under 60°C UV test for 8 hours and 50°C condensation test for 4 hours. Total of 144 hours for the cycle test.
Result	There is no break, crack, and discoloration or fading shown on samples.

Photo Appendix



1007833-B



0519523-S

