Salt Spray (Prohesion) Testing
(ASTM G 85-11 Annex A5**)**

February 02, 2021

REPORT NUMBER: **HETI-20-S423**

CLIENT: IGT Glass Hardware.
5260 NW 167th St, Miami Gardens, FL 33014.

TEST LOCATION: Hurricane Engineering & Testing Inc.
6120 NW 97th Avenue, Doral, Florida, 33178

LAB. CERTIFICATION No.: 15-1216.04 (MIAMI-DADE COUNTY, FLORIDA)
IAS. CERTIFICATION No.: TL-296 (ISO 17025-05)
FBC ORGANIZATION No: TST1691
FBPE Certificate of Authorization Number: 6905

PRODUCT: Shower Door hardware
MODEL(s): SQ2DS-PS

TEST WITNESSED BY Syed Waqar Ali, Ph. D. (HETI)
Dr. Nasreen K. Ali. E.I. (HETI)
Mr. Rafael E. Droz-Seda, P.E. (HETI)

SAMPLE SOURCE: Samples were received from the Client on December 3rd, 2020.

TEST DESCRIPTION

The samples were tested to check compliance HVHZ of Florida Building Code requirements as per Miami-Dade County checklist #0195 for corrosion resistance per ASTM G 85, Annex 5, and 140 cycles (280 hours) as detailed in TAS 114, Appendix E.

TEST PARAMETERS

1. Fog: 25^0 C, 1:00 hour
2. Dry: 35^0 C, 1:00 hour
3. Solution: 0.05% Sodium Chloride & 0.35% Ammonium Sulfate
4. pH: 5.0-5.4
5. Fog Decomposition Rate: 1 to 2 milliliters/hour (Min 16 hour collection Time)
6. Spray Pressure: 14 psi
7. Flow Rate: 0.3 liters/hour pray Pressure
8. Exposure Required: 1000 Hour
9. Number of Samples: Hardware from 2 Models.
10. Solution Specific Gravity 1.004

Test Equipment: Q-FOG CCT-600 by Q-Panel Lab Products, HETI-0985

Test Start and End Dates: December 4th, 2020 – January 15th, 2021

Hours Elapsed	Chamber Temperature °C		%Corrosion Observed	Corrosion Observed	Fog Deposition Rate ml/hr	Collected Solution pH	Collected Solution Specific Gravity	Interruption time (min)
	Fog	Dry						
0	25	34	0	No	---	---	---	---
1000	25	34	0	No	1.7	5.2	1.01	5

Note: Interruption of less than 5 minutes not reported.

Conclusion

The samples were tested in accordance with ASTM G 85, Annex A5. The samples were examined after 500 cycles (1000 hours) and were found to have no corrosion.

NOTE: The above results were obtained using the designated test methods, which indicates compliance with the performance requirements of the referenced specifications. This report does not constitute certification of the specimens tested.

STATEMENT OF INDEPENDENCE

The Hurricane Engineering & Testing, Inc., does not have, nor does it intend to acquire or will acquire, a financial interest in any company manufacturing or distributing products tested or labeled by the Hurricane Engineering & Testing, Inc. Hurricane Engineering & Testing, Inc., is not owned, operated or controlled by any company manufacturing or distributing products it test or labels.

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