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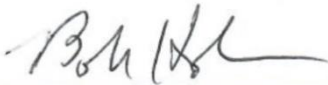
## Test Report: TR 21844

Delivered To: **Caribbean Energy Solutions**

Primary Point of Contact: **Joe Nunes**

Reference Quotation Number: **111317CARES\_Rev4**

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**Objective:**

To evaluate the salt fog resistance of coated aluminum panels

**Samples Tested:**

- (3) 4"x6" Aluminum samples from Caribbean's Energy Solutions
- (2) 4"x6" Aluminum samples from a competitor

**Test Procedure:**

The samples were exposed in accordance with ASTM B117 "Standard Practice for Operating a Salt Spray (Fog) Apparatus" for 12,000hrs (500 days). The samples were evaluated and photographed every ~250hrs.

**Test Results:**

After 12,000hrs of exposure Caribbean Energy Solutions exhibited far less oxidation and coating degradation when compared to the competitors panels. In this lab's opinion a coating subjected to the exposure of 12,000hrs with a thickness of 12 $\mu$  (micron) with only minor visible defects shows superior performance potential.

For a comparison, the majority of automobile frames and components are coated with e-coat around the 20 $\mu$  - 40 $\mu$  micron range and rarely last longer than ~5000hrs in salt spray (from our experience).