



See, Create, Solve

ASTM B117 Salt Fog Test

The ASTM B117 Salt Fog test was performed in the Quality Assurance Lab at SunBelt Coating in Cleveland, TN. A coated hurricane tie was placed in the chamber and stayed there for 3,072 hours. After 2,064 hours, an uncoated hurricane tie was placed alongside it.

The method of placement of these ties involved inserting a plastic ring through an aperture in the tie. This necessitated making a hole in the Storm Greeter coating. Storm Greeter had been applied without priming the substrate because the intention was to peel the coating after the test.

From the photos below, it is evident that, even though salt water was allowed to accumulate beneath the coating for 3,072 hours, the damage to the substrate was greatly reduced compared to the damage done to the uncoated tie in 1,008 hours.



In the photo on the right, the tie on the right was exposed for 1,008 hours. The tie on the left, which had been coated with Storm Greeter, was exposed for 3,072 hours. The advantage, even when Storm Greeter “failed”, is clear.

