

Storm Greeter - ASTM B117 "Salt Fog" Test Results



Fig. 1

Figure 1: Two galvanized hurricane ties were placed in a salt fog chamber to conduct the ASTM B117 test. The black tie is coated with Storm Greeter. It stayed in the chamber for 3,072 hours. The uncoated tie was in the chamber for 1,008 hours.

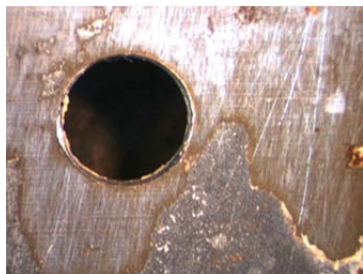


Fig. 2

Figure. 2: In order to hang the Storm Greeter tie in the chamber, a hole was made in the coating. Because the coating would need to be removed at the end of the test, the steel was not primed as it normally would be. During the 3,072 hours in the chamber, salt water was able to accumulate inside the coating. The photos show that, even though the Storm Greeter tie was in the salt fog chamber more than 3 times as long as the uncoated tie, with a hole in the coating, the amount of red rust is much less than on the uncoated tie, showing that the Storm Greeter coating greatly reduced the damage done by the ASTM B117.



Post-Test: A close-up photo of the ties before cleaning. The Storm Greeter tie is on the left,...



and a further magnification of the ties after scrubbing and cleaning with acetone.