

CORROSION



Salt Spray (ASTM B117) Corrosion testing is used to evaluate the relative corrosion resistance of coated panels exposed to a salt spray or fog at an elevated temperature. Coated panels are placed in an enclosed salt spray chamber at a 15-30 degree angle and subjected to a continuous indirect spray of a neutral (ph 6.5-7.2) salt water solution. The chamber/cabinet is kept at an operating temperature of 95F and fogging a 5% salt solution at the required 12ml/hr. Cerakote™ H-146 Graphite Black panels were checked for corrosion at specific intervals of 45, 160, 255, 385, 675, 850, 1000, 2000, 3000 and 3500 hours. At 3500 hours Cerakote™ H-146 was not corroded. This study shows that Cerakote™ preserves the life of a firearm in a corrosive environment longer than any competitive coatings.

DIVISIONS OF NIC INDUSTRIES:

PRISMATIC POWDERS® | CERAKOTE™ FIREARM COATINGS | CERAKOTE™ HIGH TEMPERATURE COATINGS