SAE J2334 Testing Procedure includes exposure to sodium chloride, calcium chloride and sodium bicarbonate. The test is designed to simulate highway conditions where de-icing salts or solutions are used. Each 24-hour cycle includes exposure to the salt solution, a period of high humidity and a period of relative dry. The wet/dry cycle produces more corrosion than a constant wet cycle used in traditional “salt spray testing” and is more closely resembles real world exposure.

**SAE J2334 Testing - 720 Hours**

- **X-Treme Zinc**: 1% Rust
- **Black Powder Coat**: 5X as much rust
- **Black E-Coat**: 10X as much rust
- **Zinc Plate**: 60X as much rust

*Note: The SAE J2334 is a standardized corrosion test that provides “excellent correlation to severe corrosive field environments with respect to cosmetic corrosion performance” and is intended to simulate highway exposure to de-icing salts. But there is no way to correlate hours of testing to actual time in service. Other corrosion factors such as caustic or acidic cleaning solutions that are not fully rinsed off may adversely affect the life of any coating.*