

SteelShield™ E-Coat System

SteelShield™ is a high-performance E-coat system designed to outperform traditional zinc-coated paint in corrosion resistance and eliminate zinc-related variability.

A 24-hour ASTM B117 salt spray test is often cited as roughly equivalent to one year of exposure in a mild environment, though there is no direct conversion, as real-world corrosion depends on many variables not replicated in the test. The test is an accelerated method, and the correlation can vary significantly based on the product, coating, and specific real-world environmental conditions, such as a highly corrosive marine environment versus an indoor, low-humidity area.



OLD ZINC PAINT



OLD ZINC PAINT AFTER 24 HOURS SALT SPRAY



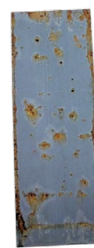
OLD ZINC PAINT AFTER 48 HOURS SALT SPRAY



NEW PRODUCTION STEELSHIELD™ E-COAT



NEW STEELSHIELD™ E-COAT AFTER 24 HOURS SALT SPRAY



NEW STEELSHIELD™ E-COAT AFTER 48 HOURS SALT SPRAY

BENEFITS AND FEATURES OF STEELSHIELD™ E-COAT SYSTEM

- Improved corrosion resistance
- Uniform thickness
- 100% coverage
- Consistent gray color
- No heavy metals
- Cost is equivalent
- E-coat = barrier system;
zinc paint = sacrificial coating