



ACCELERATED ENVIRONMENTAL TEST REPORT

Ref. D211481-1

Date: April 23, 2014

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Encore Coatings, LLC
148 West Main Street
Cartersville, Georgia 30120

Purchase Order #: CC

Procedure

Test Performed

Salt Spray

Method

ASTM B117-11, Modified

Test Material

Coated Steel Test Panels

Panels were immersed 50 percent in 5% salt solution and exposed to salt fog.

Exposure Period

720 Hours

Rust Grade

ASTM D610-08(12)

Results

Table with 2 columns: Test Material Identification, Remarks. Row 1: Knockout Primer, RustOx Topcoat (AR-1 with 5% TPW 515), Bare carbon steel test panels were exposed to salt spray for 24 hours resulting in moderate to severe red rust. After drying, the panels were prepared with a wire brush (Figure 1), primed (Figure2) and topcoated with 22 mils of AR-1 (Figure 3). After 720 hours of salt spray exposure, the panels exhibited a rust grade of 8 above the immersion line and a rust grade of 10 below the immersion line (Figure 6).



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Materials Testing

Approved by: E. Sproat
Materials Testing

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Figure 1: Rusty Steel (Wire Brushed)



Figure 2: Deox Primed Steel



Figure 3: Primed/Topcoated Steel

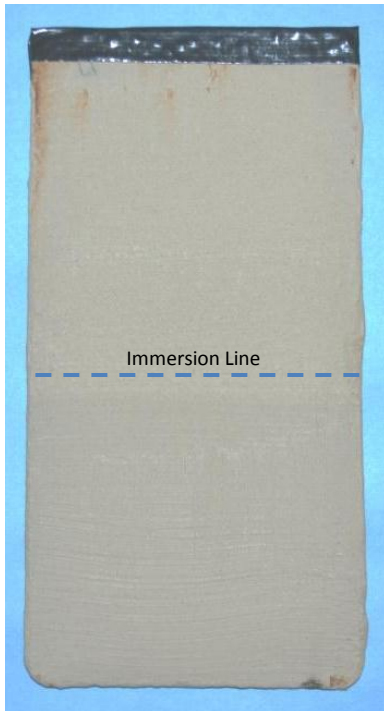


Figure 4: 360 hours salt fog/ immersion

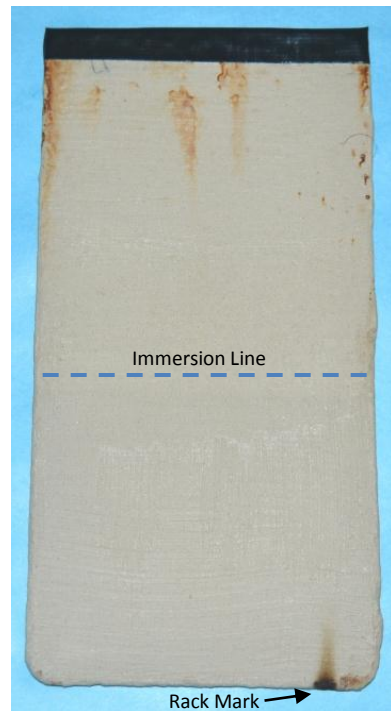


Figure 5: 500 hours salt fog/ immersion

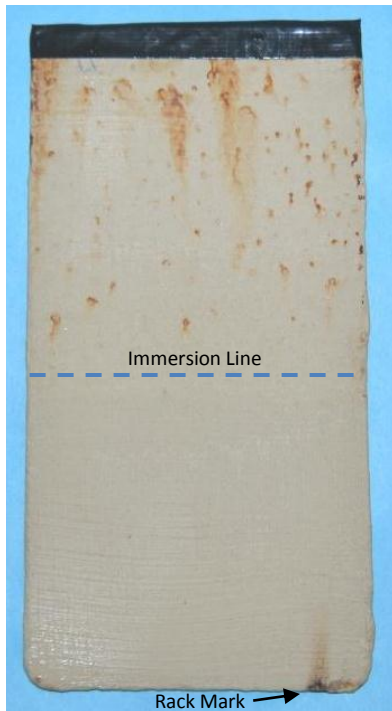


Figure 6: 720 hours salt fog/ immersion