SURTREAT®

VCI Primer

Corrosion Inhibitor for Steel Assets

Corrosion Resistant Coating for Metal Surfaces US 14/757,110 and EU 14/820187.4 - Patent Pending

VCI Primer: epoxy-polyamide, two component, lead and chromate free primer coating, designed to conform the specific composition and performance requirement of Federal Specification MILDTL-24441/20A (SH) Formula- I 50, Type-III, and is recommended to be used for painting steel assets.

RESULTS AFTER 1000 HOURS OF EXPOSURE TO SALT SPRAY FOG ASTM B117-11

"Two coating materials, each with and without the addition of a vapor phase corrosion inhibitor (VCI), were tested by KTA.

Addition of the VCI agent to the MIL-DTL-24441 primer resulted in a measurable reduction in the degree of coating failure observed at the "X" scribed areas on both the rusted and white metal substrates. The MIL-DTL-24441 primer with VCI agent provided better resistance to corrosion than the Sherwin-Williams zinc phosphate primer with respect to both rust creepage and overall degree of rusting."

(KTA-TATOR,2016)

Treated

Untreated

BENEFITS

- VCI Agent migrates through the rust layer to the whited steel surface and inhibits further corrosion.
- VCI Primer avoids need to remove all rust in order to protect against continued corrosion at corrosion hotspots.
- Simple to use, brush or spray applied to steel.
- Thoroughly tested by independent agencies like KTA - Tator and MATCO.
- Can be applied in white steel as protection or rusted steel as an inhibitor.
- Primer can be used as finish coating or prior to any final paint coat.

EXPECTED PERFORMANCE

WILL MIGRATE THROUGH RUST AND INHIBIT CORROSION OF STEEL ASSETS

FULLY CURED AFTER 7 DAYS

WATER, WEATHER AND MILD CHEMICALS RESISTANCE