

Product Case History



Dominion Power Remington Tank

LOCATION: Remington, VA, United States

DATE OF APPLICATION: April 2015

MARKET: Power - Conventional

TYPE: Rehabilitation

OWNER: Dominion Power

PROJECT SIZE: 165 Gallons

AREA COATED: Tank bottom

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Immersion, Chemical

SURFACE PREP: SSPC-SP 10 (Near White Blast)

PRODUCTS: Phenoline Tank Shield

PROJECT DESCRIPTION:

100 foot diameter #2 Diesel Fuel Storage Tank Bottom and 3 foot up the walls.

COATING SELECTION EXPLANATION:

Carboline Phenoline Tank Shield was chosen due to need to have lining product that had actual testing with #2 Fuel Oil for Immersion service. The challenge with the project was that the tank could only be down for a short period of time and they needed a product that could be applied in one coat over blasted SSPC SP10 surface. Needed Airless Single Leg application as plural was not available. Needed a non blushing coating due to application of material on walls that would tie into the floor and touching up potential holidays after application. Needed a 30 day recoat window in the event that weather prohibited application where Dehumidification was not being used.

With the success of this project the customer has committed to 5 additional tanks of same size in the coming months.

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ADDITIONAL PHOTOS:

