

Product Case History



Vopak Terminals

PRODUCT(S) USED:

- Exterior Coating 1: Rustbond Penetrating Sealer
- Exterior Coating 2: Carboguard 890
- Exterior Coating 3: Carbothane 134 HG

AREA COATED:

Vopak is the global market leader for the independent storage and handling of liquid oil products, chemicals, vegetable oils and liquefied gases. Vopak has terminals in the world's most strategic ports, with specialized facilities: product tanks, jetties, truck loading stations, pipelines and access to road and rail networks. Products are transported to and from the terminal by ship, truck, rail or pipeline. Vopak currently operates 75 terminals in 30 countries.

During the summer of 2007, Vopak Terminals chose a proven Carboline Overcoat System to renew the look of its two most prominent tanks at the busiest of all Canadian Great Lakes ports in Hamilton, Ontario:

- Jet Fuel Tank # 207 was 150 feet in diameter and 50 feet high
- Jet Fuel Tank # 208 was 160 feet in diameter and 50 feet high

LOCATION:

HAMILTON, ON

DATE OF APPLICATION:

OCTOBER 2007

MARKET:

OIL & GAS

SUBSTRATE:

STEEL

SURFACE PREP:

CLEAN & DRY

EXPOSURE:

JET FUEL

SURFACE PREP:

SSPC - SP1 - CARBOLINE SURFACE CLEANER #3 AND POWER WASHED 3-500 PSI, SSPC - SP2 - HAND TOOL CLEAN TO REMOVE ALL LOOSELY ADHERED PAINT



Vopak Terminals

Some of the challenges facing this project were:

1. Busy industrial area situated amongst many parked autos and located on Hamilton's well traveled Burlington Street.
2. Lead-based primer used in original coating system.
3. Tanks contained jet fuel and were in operation for project.
4. Due to jet fuel being stored in the tanks, no abrasive blasting was permitted.

COATING SELECTION EXPLANATION:

The logo was colour matched to Vopak's specifications and was carefully applied using Carbothane 134 HG brush and roll. The excellent weatherability of the urethane topcoat exceeds the SSPC Paint 36 specification for a Level 3 urethane and will ensure long-term gloss retention. Vopak's investment in their facility has resulted in a fresh new look for Hamilton's North West Industrial area.