



## PROJECT PROFILE



Crude Oil Tank



Corrosion on floors & walls



Floors and one vertical meter lined with FiberCrete

*Inset: Application around nearby curb*

**Project:** Lining of floors & walls in Crude Oil Tank

**Location:** Marsden Point Oil Refinery, New Zealand

**Owner:** New Zealand Refining Company

**Engineer:** Greg Bracey

**Sauereisen Representative:**

Greg Wiggins, Pacific Concrete Protection Ltd.

**Products:**

- No. 501 Conoweld Primer
- No. 218 FibreCrete Epoxy NovolaK

**Method of Application:**

Spray application with 56:1 airless equipment

**Environment / Exposure:**

Oil and residual solids in crude oil. Heating coils 12" above floor increase potential for acid condensation.

**Project Details:**

- Specification to protect corroded steel plate floors. FibreCrete selected based upon excellent tensile strength, low permeability, and rigidity it would add to the corroded surface.
- Two (2) tank floors approximately 160 feet in diameter were initially lined; additional work was obtained for a 150 foot ID tank.
- All specification details and inspection were handled internally by plant staff.
- Specification prepared and written by Greg Wiggins in conjunction with NZRC engineering personnel.