

# Product Case History



## Chevron El Segundo

**LOCATION:** El Segundo, CA, United States

**DATE OF APPLICATION:** August 2014

**MARKET:** Petrochemical

**TYPE:** Maintenance

**OWNER:** Chevron

**PROJECT SIZE:** 30 Gallons

**AREA COATED:** Alkyl Unit Vessel

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Exterior Weathering - moderate industrial exposure - chemical environment

SURFACE PREP: Per Product Data Sheet

PRODUCTS: Carbotherm 551

### PROJECT DESCRIPTION:

A vessel in the alkyl unit was operating above 140°F and required insulation or some other protection to prevent workers from burning themselves. Standard insulation with metal jacketing was going to be labor intensive and complex geometries would have made it worse.

### COATING SELECTION EXPLANATION:

Carbotherm 551 was applied at 180 mils in several coats to the exterior of the vessel. The paint-like properties of the Carbotherm handled the complex geometries with ease and no metal jacketing was required. The thickness of Carbotherm easily reduced the surface temperature "feel" significantly.