



## PROJECT PROFILE

*Entire GEO flooring system  
refurbished to withstand  
chemical exposure and  
thermal shock*



### CUSTOMER

#### **GEO Specialty Chemicals**

Deer Park, TX

### PROJECT TEAM

#### **PolySpec® Construction Services, Inc.**

Houston, Texas

### INDUSTRY

Petrochemicals

### PROJECT OVERVIEW

GEO Specialty Chemicals had approximately 3,000 SF of badly damaged concrete due to their chemical process. Not only was the concrete corroded in some areas and heaved in others, all the pump pedestals were damaged, and the trench drains no longer functioned.

- Concrete needed to be brought back to a level surface which required rebuilding the entire substrate.
- All the pump pedestals and trench drains needed to be reformed to the original state.
- A chemical resistant coating needed to be applied throughout to protect the foundation.

### KEY CONSIDERATIONS

**Safety/Approved Products:** Solid substrates used to thoroughly remove bad, unsound and wet concrete.

**Durable/Resistant:** The entire system needed to withstand chemical exposure as well as thermal shock due to temperatures.

**Surface:** Restore floors back to their original state.

### SYSTEM PRODUCTS

- **SIKA 1000**  
Rapid Hardening Repair Mortar
- **TuffRez® 200 CR**  
Epoxy Novolac Topping Binder | Chemical Resistant
- **PolySpec® 300 EX Primer**  
Epoxy Performance Primer for Concrete
- **NovoRez® 351**  
Coating | Acid Resistant

**PolySpec® Construction Services, Inc.**  
Single-Source Construction Management

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