



PROJECT PROFILE

Chemical resistant coatings meet RCRA requirements for concrete and steel protection at hazardous waste facility



CUSTOMER

Texas Molecular

Deer Park, Texas

PROJECT TEAM

Texas Molecular Maintenance Staff

PROJECT OVERVIEW

Texas Molecular, a RCRA regulated facility, stores, processes, and disposes of hazardous chemical waste streams. They have an ongoing problem of protecting steel storage tanks and concrete secondary containment from degradation from a broad range of chemicals.

KEY CONSIDERATIONS

Since 1995, PolySpec, L.P. has provided FlakeRez® coatings and PermaRez® linings for acid and caustic waste tanks. One reaction vessel containing titanium tetrachloride was lined with PermaRez® 348 using NovoRez® 360 as a topcoat.

Concrete tank containment, truck unloading pads and a 7,500 square foot drum storage building have been lined with TuffRez® 203, NovoRez® 351 and PermaRez® 345 crack-bridging lining. Thiokol® 2235 has been used effectively to seal joints. PolySpec, L.P. continues to provide a high degree of technical service including testing, inspection, product recommendations and field support. This total service approach, combined with product performance, has gained the confidence of plant personnel.

SYSTEM PRODUCTS

- **NovoRez® 351**
Concrete Coating, Acid Resistant
- **TuffRez® 203**
- **FlakeRez® 303**
- **PermaRez® 345**
- **PermaRez® 348**
- **NovoRez® 360**