

20 MILLION GALLON CONCRETE WATER TANK LINED WITH ELASTOMERIC POLYUREA



REMOVAL OF EXISTING LINER



APPLICATION OF PRIMER



125 MILS OF EPOXY SURFACER



PLURAL SPRAY OF POLYEURO 1050H



3 ACRES OF POLYEURO 1050H ELASTOMERIC URETHANE/UREA AT 80 MILS

Material: Polycoat Products 1050 H, Fast Cure, 100% solids, Plural Spray Polyurethane/urea, Meeting NSF Standards.

Specs: 100 year old Concrete Deck, 125 Mils Polycoat Epoxy Filler #21, Primer #21, 80 mils Polyeuro 1050 H

Contractor: McGill Restoration Company, Omaha NE. Polycoat Products Plural Component Qualified Contractor

Customer: Florence Metropolitan Utility District

Engineers: HDR, Inc. Omaha NE

Contact: Jeff Jarboe Creative Polymers & Associates 314-791-0168 (Representative for Polycoat Products Santé Fe, CA)

Details: *100 year old Saturated concrete would not dry out to meet Industry standards for lining. It was not practical or affordable to use DH equipment, so McGill had to test double priming the surface using the PolyPrime #21 prior to the Epoxy Grout.

*Applying the Polycoat Grout at 125 mils on sloped surfaces had never been done before at those thicknesses. It was an easy fix using additional "filler #21" to stiffen the build of the grout so it would remain in place.

*Water still seeping in from multiple underground cracks were injected with hydrophobic urethane and epoxy resins.

*Project was completed on time without any delays even with the concrete moisture and infiltration issues.