



PROJECT PROFILE

PermaRez® Lining System reinforces weakened substrate lengthening the life of vital secondary containment.



CUSTOMER

Delavan Spray Technologies – Goodrich Corp.
Bamberg, South Carolina

PROJECT TEAM

Contractor: G & S, LLC.

PROJECT OVERVIEW

Delavan Spray Technologies has been one of the world's largest manufacturers of spray nozzles for combustion in both domestic and commercial applications for over 60 years.

The secondary containment area for the nozzle dipping machine became severely eroded after years of constant chemical exposure. The engineers spent months researching options, but were unable to find a product that would stand up to their environment and expectations.

Finally, they contacted PolySpec®, where the representative worked closely with them to develop a system specification for PermaRez® 333. The PermaRez® Reinforced Lining exceeded the chemical resistance requirement, and also strengthened the weakened substrate lengthening the life of the area.

KEY CONSIDERATIONS

Chemical Resistance: The area needed a system that would withstand exposure to repeated splash spillage and immersion of many harsh chemicals and solvents at elevated temperatures.

Durability: Years of abuse left the floors and weakened to the point of failure. Many areas were completely replaced. However, unlike many competitive systems, the PermaRez® Reinforced Lining was able to reinforce the weakened substrate and will significantly lengthen the life of the area.

SYSTEM PRODUCTS

- **PolySpec® 310:**
Primer for Vinyl Esters & Polyesters on Steel
- **PolySpec® 320:**
Primer for Vinyl Esters & Polyesters on Concrete
- **PolySpec® 731:**
Non-Sag Gel, for use with Vinyl Esters & Polyesters
- **PermaRez® 333:**
Reinforced Lining for Concrete & Steel, Acid & Solvent Resistant
- **PermaRez® 333NS:**
Concrete Coating, Acid & Solvent Resistant, Non-Skid