

Manhole Restoration



Location / Year

Baton Rouge, LA / 2011

Fabricator / Applicator

ICS & Local Applicator

Fabrication Details: Resin & System

Isophthalic Resin, Co-Nap Cure System
 Standard VE-MR Lining Rehabilitation System
 200 – 250 mils. w/ Topcoat
 Mat Reinforcement 1.5 oz. OC

Technical Data

Initial Trial for City of Baton Rouge.
 Spec. Engineer Burns and McDonald.

Service Conditions

Sanitary Sewer
 Water and Waste water
 Ambient temps.
 Hydrogen Sulfite Gas
 Ground Water Penetration

Design Considerations

Reason for considering this type rehabilitation application; disruption of major highway to make conventional repairs, corrosion issue due to H₂SO Gas, and a need for a rapid turnaround.

Comments

After two years in service the lining is still in great condition and has shown no signs delamination or ground water penetration.

This has proved to be a cost effective solution to conventional replacement and other secondary cost.

The city of Baton Rouge has also compared this to other lining and repair systems. The city's Findings are that the AlphaGen material has exhibited superior strength and adhesion to the other repair products.

Reference may be obtained by contacting AlphaGen Materials for further details.

