



# Leading Edge

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## Rescuing a Truck Diesel Repair Shop from EPA Fines with Effective Concrete Secondary Containment Repair

A truck diesel repair shop was on the brink of facing fines from the Environmental Protection Agency (EPA) due to the deteriorating condition of their secondary containment area what they needed secondary containment concrete repair. Recognizing the urgency of the situation, Unconventional Solutions was called upon to provide a timely and effective solution to bring the containment area up to compliance standards.



The area in need of repair was primarily constructed of concrete, including both the floors and the walls of the secondary containment. Concrete, while durable, can deteriorate over time, especially in industrial settings with exposure to harsh chemicals and heavy wear. Unconventional Solutions implemented a comprehensive repair strategy, focusing on both the structural integrity and chemical resistance of the containment area.

**Concrete Lining Repair:** The team began by repairing the concrete lining of the containment area. This involved rebuilding the floor using **RESICHEM 576 Quartz Screed**. The vertical surfaces on the walls were rebuilt using **RESICHEM 571 Concrete Repair LW**.

**Priming and Sealing:** After the structural repairs were completed, the area was primed with **RESICHEM 503 SPEG** and sealed with **RESICHEM 511 UCEN**.

For a robust and compliant **solutions in secondary containment repair**, look to Unconventional Solutions for all your repair needs.



### DATES TO REMEMBER

**June 7**  
**Unconventional Solutions Annual Client Appreciation Golf Outing - Ohio**  
(Miamisburg, OH)

**June 14**  
**Unconventional Solutions Annual Client Appreciation Golf Outing - Michigan**  
(Milford, MI)

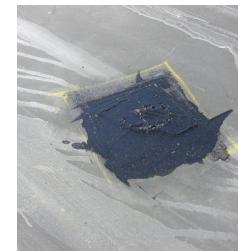
**July 25**  
**2024 SEMPPE Annual Golf Outing**  
(Milford, MI)

**October 14**  
**AMPP Eastern Conference 2024**  
(Grand Rapids, MI)



**Resimac Resimetal 108 Pipe Repair Tape** is a high performance rapid curing moisture activated repair bandage specifically developed for the repair of leaking pipes. **108 Pipe Repair Tape** is ideal for systems

operating up to 218psi with a maximum operating temperature of 120C. The tape is manufactured from woven polyester fabric which is impregnated with a polyurethane resin that is activated by water. The pipe repair bandage can be applied to leaking pipes and be fully cured within 30 minutes.



**Resimac Resiflex 401 GP 60 Putty** Resimac Resiflex 401 GP 60 Putty is a two component fast curing solvent free urethane elastomer. The product has been specifically

developed for repairs to a wide range of rubber surfaces such as Nitrile, Neoprene & Natural rubber.

Based on the latest elastomeric urethane technology, and have been developed to give fast and effective solutions for repairs to rubber and metallic surfaces.



**Resiflex 406 GP 85 Putty** is a two component solvent free abrasion resistant urethane elastomer. The product

has been specifically developed as an abrasion resistant lining and for repairs to a wide range of rubber surfaces such as nitrile, neoprene & natural rubber.

### CURE TIMES:

At 20°C the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures



**Unconventional Solutions, Inc.**  
Partnering with Your Industry to Repair - Protect - Upgrade

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