



Leading Edge

Protecting Your Business for a More Sustainable Future

HOTSHOT & SAME DAY
Local Deliveries available for orders
placed by 2 p.m. EASTERN TIME

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Rebuilding steel or other damaged equipment surfaces

Downtime from damaged tanks can be costly and hazardous. Plate bonding offers a cold-applied, welding-free solution to reinforce compromised assets by bonding steel plates directly to damaged areas. This method is especially valuable in environments where hot work permits are restrictive or where surface preparation is limited—common challenges in upstream and downstream operations.



Resimetal 101, 104 XF, and 106 XF are engineered to meet these exact demands. **Resimetal 101** provides high-strength bonding for structural reinforcement on corroded or eroded tank walls. For repairs where surfaces are contaminated with oil or grease, **Resimetal 104 XF** is specifically formulated to bond effectively without full degreasing or blasting. When working on high-temperature equipment or submerged assets, **Resimetal 106 XF** cures rapidly and delivers a machinable, long-lasting bond. Together, these products allow maintenance teams to make safe, fast, and permanent repairs—without interrupting production.



DATES TO REMEMBER

June 6 — USI Customer
Appreciation Golf Outing - Ohio
(Miamisburg, OH)

June 12 — Western PA Corrosion Control
Golf Outing 2025
(Gibsonia, PA)

June 13 — USI Customer
Appreciation Golf Outing - Michigan
(Milford, MI)

June 18 — #USITechTalk
How to Plate Bond in 10 Minutes

July 17 — OGA 9th Annual Scholarship
Foundation Golf Outing (Dublin, OH)

Loss of Wall Thickness on a Pipeline



A client needed to repair dents, pitting and wall loss on a pipeline. They were having trouble locating a product that could arrive quickly and without delay, that also had a minimum of 5,000 PSI compressive strength. With same day delivery on core products placed by 2PM and Resimetal 101 with a compressive strength of 13,500 PSI the client decided to go with Unconventional Solutions. Resimetal 101 was used to build back wall thickness, repair dents and pitting on the pipeline.



Resimetal 101 Industrial Epoxy Metal Repair Paste for general repairs. It is a two component solvent free epoxy metal repair compound.

The product has been designed for use on a wide range of metallic surfaces and once cured is readily machine able.



Resimetal 106 XF Metal Repair Paste designed to cure underwater. It is a fast curing two component solvent free epoxy metal repair compound. The product has been designed for use on a

wide range of metallic surfaces and once cured is readily machineable.



Unconventional Solutions, Inc.
Repair - Protect - Upgrade

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