

TANK - Floating Roof Repair



PROBLEM

This floating roof was failing and leaking vapors into the air causing EPA issues. The customer had to decide between welding a new roof in or a make-do solutions that would need to last for two years.

The Unconventional Solutions team offered a solution that would repair the existing roof and avoid EPA fines.

SUBSTRATE

Metal

PRODUCTS USED

[USI Universal Cleaner](#)
[Resimac 808 Reinforcement Tape](#)
[Resimac 101 Metal Repair Paste](#)
[RESICHEM 501 CRSG](#)
[RESICHEM 555 Resinox](#)

SOLUTION

The Unconventional Solutions team chose to use the high build solvent free [RESICHEM 501 CRSG](#), designed for the long-term protection of steel against corrosion and chemical attack.

All the oil and grease was removed from the surface with [USI Universal Cleaner](#). The area was then roughened with power tools, and then cleansed one more time with [USI Universal Cleaner](#) to get rid of any remaining debris.

Between the roof of the tank and the side of the tank [Resimac 101 Metal Repair Paste](#) with [Resimac 808 Reinforcement Tape](#) was used to bridge larger holes and pits.

[RESICHEM 501 CRSG](#) was used to offer corrosion resistance and then used as the glue to hold everything together. This ensures a long-lasting, protective repair.

For a complete solution and a white reflective finish, a topcoat of [RESICHEM 555 Resinox](#) was applied to provide acrylic UV protection.